

# American College of Allergy, Asthma & Immunology



## PROGRAM GUIDE

2022 ANNUAL SCIENTIFIC MEETING

PODIUM  
TO  
PRACTICE™

# Advancing Allergy & Immunology Care

**NOV. 10-14** ■ LOUISVILLE

**International Food Allergy Symposium** ■ NOV. 10



**#ACAAI22**

# Product theater (non-CME)



Capsule not actual size

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**Lunch will be offered. Intended for US healthcare professionals only.**

The product theater content and views expressed therein do not necessarily reflect the views,  
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# American College of Allergy, Asthma & Immunology

## 2022 ANNUAL SCIENTIFIC MEETING



# Advancing Allergy & Immunology Care

**NOV. 10-14 ■ LOUISVILLE**

**International Food Allergy Symposium ■ NOV. 10**

Kentucky International Convention Center  
Louisville, Kentucky

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*FIT Representatives:* Christopher Foster, MD ('22) and Brent T. Griffin, MD, MPH ('23)  
*Chair, Advocacy Council:* Warner W. Carr, MD, FAAAAI  
*Annals Editor-in-Chief:* Mitchell H. Grayson, MD, FAAAAI  
*Executive Medical Director:* Michael S. Blaiss, MD, FAAAAI  
*Alliance Co-Presidents:* Lelia Sublett ('22) and Charlotte Meadows ('22)

# ACAAI Premier Partners

The American College of Allergy, Asthma and Immunology recognizes the indispensable role that health care companies play in furthering the mission of the College. ACAAI would like to thank the following companies for their generous support of this year's Annual Meeting.

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General Information



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# Message From the Program Chair

## Welcome to Louisville



Brian T. Kelly,  
MD, MA, FAAAAI  
Annual Meeting  
Program Chair

On behalf of the Program Committee, welcome to the 2022 ACAAI Annual Scientific Meeting! We've got an exceptional experience planned for you this year.

The vibrant city of Louisville is the backdrop for cutting

edge presentations and the latest science from accomplished experts in our field. The Annual Meeting Program Committee has developed outstanding sessions with Podium to Practice™ tips that can be quickly integrated into your practice.

The International Food Allergy Symposium returns to the Thursday program this year beginning with a full day of groundbreaking topics and ending with a spirited set of debates (and refreshments).

Saturday's Presidential Plenary will continue the targeted focus on food allergy and will be a highlight of the meeting!

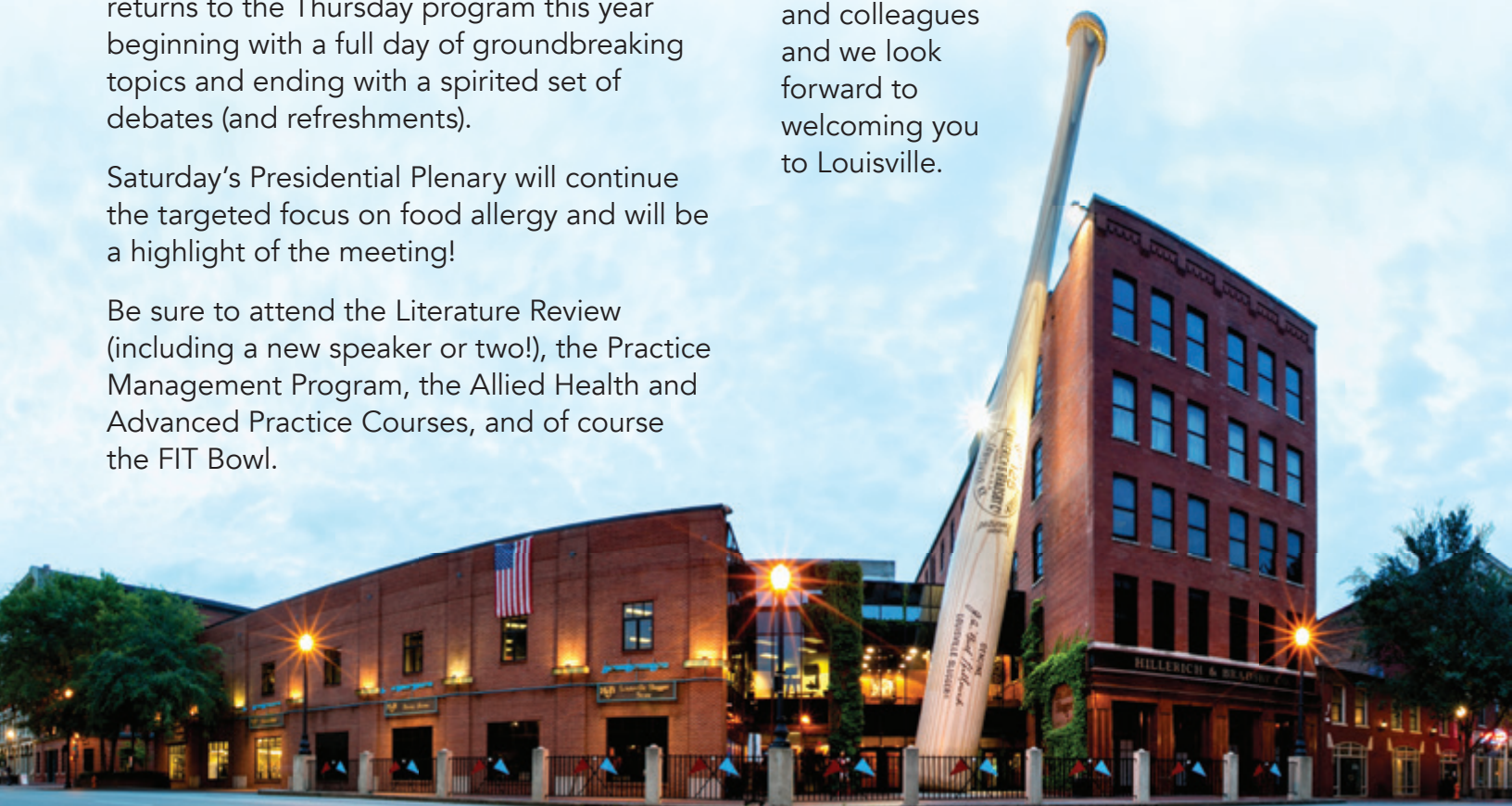
Be sure to attend the Literature Review (including a new speaker or two!), the Practice Management Program, the Allied Health and Advanced Practice Courses, and of course the FIT Bowl.

General meeting session topics include our popular Dermatology Jeopardy session (with some new additions), 7 for 11 pediatric update, mastering biologics used in atopic conditions, remote patient monitoring in allergy care, treatment of non-TH2 asthma, hands-on workshops that will offer the education needed to improve and expand your services, and so much more.

The President's Welcome Reception will be held at the amazing and historic Churchill Downs Racetrack. Buses begin departing at 5:40 pm from the Omni Louisville, Louisville Marriott Downtown, Hyatt Regency and Seelbach Hilton hotels.

You do not want to miss it!

As always, the ACAAI Annual Meeting is a fantastic place to catch up with friends and colleagues and we look forward to welcoming you to Louisville.



# Thank you to the 2022 ACAAI Corporate Council Members

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STALLERGENES  GREER



# 2022 Program Committees

## 2022 Annual Meeting Program Committee

Brian T. Kelly, MD, MA, Chair  
Jay A. Lieberman, MD, Vice-chair

Akaterini Anagnostou, MD, PhD • Marcella R. Aquino, MD • Warner W. Carr, MD • Mark L. Corbett, MD  
Payel Gupta, MD • Jeremy S. Katcher, MD • Kelly M. Maples, MD • Gailen D. Marshall, Jr., MD, PhD  
Kathleen R. May, MD • Travis A. Miller, MD • Syed Shahzad Mustafa, MD • Deepa Patadia, MD  
Maureen M. Petersen, MD • Melanie A. Ruffner, MD, PhD • Kristin C. Sokol, MD  
J. Wesley Sublett, MD, MPH • Abby L. Allen, RN, NP • Michael S. Blaiss, MD

## 2022 Allied Health Professionals Committee

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Michelle R. Dickens, NP, Vice-chair

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Ashlee Law, PA-C • Megan O. Lewis, RN, MSN, CPNP • Amanda L. Michaud, PA-C  
Lisa B. Rosenberg, MEd, MSW, LCSW • Jodi A. Shroba, MSN, APRN, CPNP (Advisor)

### Assumption of Risk

Although the risk from COVID-19 appears to be lower than in the past, participating in the Annual Scientific Meeting carries risk due to the contagious nature of the COVID-19 virus. All attendees agree to release ACAAI and the Annual Meeting venues from any liability related to their participation according to terms set forth in the Annual Meeting registration materials. In addition, attendees must agree to follow all required health and safety guidelines, protocols, policies, regulations, and mandates relating to attendance at the Annual Meeting, including, but not limited to, Centers for Disease Control guidelines, statutes, regulations, and other mandates applicable to the State of

Kentucky and the City of Louisville, as well as any additional requirements imposed by ACAAI or an Annual Meeting venue (regardless of whether federal, state, or local laws allow otherwise).

Attendees must monitor their own health status and are not allowed to attend meeting sessions/events if symptomatic of COVID-19 or believe they have been exposed to someone with COVID-19.

An attendee's failure to comply with required safety protocols or follow the direction of ACAAI staff on site may result in the loss of their right to attend or participate in the Annual Meeting, including forfeiture of any registration fees paid.

# 2022 Award Winners

The College is proud to honor the following individuals for their service to the College and the specialty of allergy/immunology. The Gold Headed Cane Award will be presented during the Opening Ceremony at 7:20 am, Saturday. All other awards will be presented during the ACAAI Business Meeting 4:30 pm, Sunday. Both sessions will be held in Ballroom ABC of the Kentucky International Convention Center.

## Distinguished Fellow Awards



**David I. Bernstein, MD, FAAAAI**

Professor Emeritus of Medicine, Division of Immunology and Allergy, University of Cincinnati College of Medicine Cincinnati, OH



**William S. Silvers, MD, FAAAAI**

Clinical Professor of Medicine, Allergy, Clinical Immunology and Faculty Affiliate of the Center for Bioethics and Humanities at University of Colorado, Anschutz Medical Campus Denver, CO

## Distinguished Service Awards



**John R. Seyerle, MD, FAAAAI**

Private practice at Allergy and Asthma Care Cincinnati, OH



**Bill Finerfrock**

Former President Capitol Associates Washington, DC



**Lelia Sublett**

Co-president, Alliance of the ACAAI Anchorage, KY

## International Distinguished Fellow Award



**M. Antonella Muraro, MD, PhD**

Chief, Food Allergy Referral Center at Padova University Hospital; Professor of Food Allergy at Padova University School of Medicine Padova, Italy

## Executive Medical Director Award



**Katerina Barcal, MPH**

ACAAI Director of Administration Arlington Heights, Illinois

## Woman in Allergy Award

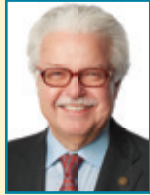


**Vivian P. Hernandez-Trujillo, MD, FAAAAI**

Founder, Allergy and Immunology Care Center of South Florida Miami Lakes, FL

# 2022 Award Winners

## Gold Headed Cane Award



### James L. Sublett, MD, FAAAAI

Co-founder and Chief Medical Officer  
Family Allergy & Asthma  
Louisville, KY

*The Gold Headed Cane Award will be presented during the Opening Ceremony at 7:20 am, Saturday.*

## Clemens von Pirquet Awards



### First Place

**Kelly K. Boyd, MD**  
University of Virginia  
Charlottesville, Virginia



### Second Place

**Prudhvi Regula, MD**  
Albert Einstein College of Medicine /  
Montefiore Medical Center  
Bronx, New York



### Third Place

**Michael D'Netto, MD**  
Mayo Clinic  
Rochester, Minnesota

## The Allergists' Foundation Community Grant Awards

### Sara Anvari, MD, MSc, FAAAAI

*Project Title:* Improving Access to Allergy Specialty Care in Houston Through a Novel Penicillin Allergy Stewardship Program

### Kelsey Kaman, MD

*Project Title:* Learning Educators' Anaphylaxis Response Needs: Optimizing the Safety of Children in Head Start

### Gerald B. Lee, MD, FAAAAI

*Project Title:* A Quality Improvement Project to Reduce Food Allergy IgE Panel Utilization

### Lulu Tsao, MD

*Project Title:* Promoting Evidence-Based and Equitable Penicillin Allergy Evaluation Among Pregnant Patients

### Jessica Macdougall, MD, MS (Fellow-in-Training)

*Project Title:* Food Allergy Transitions of Care for the Adolescent Population

*These awards are made possible thanks to generous donations from College members and support by GSK*

# Corporate Supporters

ACAAI appreciates the following promotional contributions from its corporate supporters.

## AbbVie

Supporter of the ACAAI Corporate Council...a Non-CME Corporate Forum...graphic wall...convention center wall banners...convention center lightboxes...and four pre-meeting email banner advertisements.

## ADMA Biologics

Supporter of a Product Theater.

## Aimmune Therapeutics

Supporter of the ACAAI Corporate Council...*College Insider*...a Non-CME Corporate Forum...FIT Scholarships...Allied Health Professionals Networking Reception...President's Welcome Reception...Advance Registrants Brochure...and the hotel restaurant and lounge promotion.

## ALK-Abelló, Inc.

Supporter of the FIT and Program Directors' Breakfast...and FIT Scholarships.

## Allakos, Inc.

Supporter of an advertisement in the final program guide.

## Amgen

Supporter of the ACAAI Corporate Council...and Tezspire Prior Authorization Letter.

## Amgen and AstraZeneca

Supporter of a Product Theater...the mobile app...graphic wall...exhibit hall directional display...signage in the convention center...hand sanitizing stations...hand sanitizer bottles...hotel floor clings...Twitter content...two pre-meeting email banner advertisements...and the Leadership Summit.

## AstraZeneca

Supporter of the ACAAI Corporate Council...Allergy and Asthma Awareness Toolkit...two Product Theaters...two Non-CME Corporate Forums...Twitter content...a pre-meeting email banner advertisement...a refreshment break...signage in the convention center...and a graphic wall.

## Bayer

Supporter of Twitter content.

## BioCryst Pharmaceuticals, Inc.

Supporter of a Product Theater...an advertisement in the final program guide...a pre-meeting email banner advertisement...Twitter content...WI-FI in the convention center...and a refreshment break.

## Blueprint Medicines

Supporter of a Product Theater.

## Covis Pharma US

Supporter of the ACAAI Corporate Council.

## DBV Technologies

Supporter of the ACAAI Corporate Council...a Product Theater...FIT Bowl...badge lanyards...and the Board of Regents' Dinner.

## Eli Lilly and Company

Supporter of the ACAAI Corporate Council.

## Genentech, a member of the Roche Group

Supporter of the ACAAI Corporate Council...a CME Webinar on *State of the Art Food Immunotherapy*...and a Product Theater.

## Genentech and Novartis Pharmaceuticals Corporation

Supporter of a graphic wall...and signage in the convention center.

## GSK

Supporter of the ACAAI Corporate Council...The Allergists' Foundation Community Grant Program...a Non-CME Corporate Forum...three Product Theaters...three sets of park benches...signage in the convention center...convention center window clings...sanitizing smartphone charging stations...airport baggage claim digital network...and two advertisements in the final program guide.

## Incyte Corporation

Supporter of the ACAAI Corporate Council...a Non-CME Corporate Forum...graphic wall...and Twitter content.

## Merck & Co., Inc.

Supporter of the ACAAI Corporate Council.

## Novartis Pharmaceuticals Corporation

Supporter of the ACAAI Corporate Council.

## Optinose

Supporter of the ACAAI Corporate Council...and a Product Theater.

## Pfizer, Inc.

Supporter of the ACAAI Corporate Council...CME Podcast Series on *Moving Towards Equity: Disparities in Atopic Dermatitis*...and a Product Theater.

## Pharming Group NV

Supporter of the ACAAI Corporate Council...a Product Theater...Twitter content...hotel key card...and FIT Scholarships.

Continues next page

# Corporate Supporters (continued)

## Sanofi and Regeneron

Supporter of the ACAAI Corporate Council...  
*AllergyWatch*...three Product Theaters...three Non-CME Corporate Forums...Women in Allergy Luncheon...Annual Meeting Daily e-Newsletter...Twitter content...ePosters...signage in the convention center...a convention center banner...branded floor clings in the convention center...escalator clings in the convention center...column wraps...two graphic walls...exhibit aisle markers...hotel window clings...Racial Disparities Resource Center...Biologics Cheat Sheet Update...FIT Scholarships...FIT Toolkit...FIT Board Review Corner Question Bank...Eczema page on ACAAI website...Chronic Hives page on ACAAI website and Spanish-language translation...pediatric asthma online content update and Spanish-language translation...Pediatric Asthma Patient Education Brochure and Spanish-language translation of the Brochure...Pediatric Asthma Patient Education Video Digital Ad Campaign...Spanish-language version of the Pediatric Asthma Patient Educational Video and Digital Ad Campaign...Spanish-language translation of EoE page on ACAAI website...

Find an Allergist Locator...the Non-CME Podcast Series on *Moving Towards Equity: Disparities in CRSwNP*...the Non-CME Podcast Series on *Severe Pediatric Asthma*...the Non-CME Webinar on *Meeting the Challenges of Severe Pediatric Asthma*...and the CRSwNP eYardstick.

## Stallergenes Greer

Supporter of the ACAAI Corporate Council...and the FIT and Program Directors' Luncheon.

## Takeda

Supporter of the ACAAI Corporate Council...a pre-meeting email banner advertisement...seated lounge area...digital signage at the convention center...daily schedule display...convention center door clings...and two convention center banners.

## Teva Pharmaceuticals

Supporter of the ACAAI Corporate Council...a Product Theater...and partial support of the President's Private Dinner.

# Commercial Supporters

*This activity is supported by independent educational grants from the following commercial supporters:*

## ALK-Abelló, Inc.

Supporter of the Friday Breakfast Symposium: *AACA: Should It Be SCIT or SLIT: An Adventure Into the World of the AIT 2022 Allergy Proceedings Primer*.

## Chemotechnique Diagnostics / Dormer Laboratories Inc.

In-kind support consisting of disposable supplies for the Saturday Hands-on Workshop on *Patch Testing 101: Basics of Patch Testing*...and the Saturday Hands-on Workshop on *End Game: Calling all Patch Test Experts*.

## DBV Technologies

Supporter of the Thursday *International Food Allergy Symposium*.

## Genentech, a member of the Roche Group

Supporter of the Monday Symposium on *Advances in Food Allergy Immunotherapy*...and co-supporter of the Sunday Symposium on *Updates on Urticaria and Advice on Angioedema*.

## Incyte Corporation

Partial support of the Friday Symposium on *Atopic Dermatitis: Triggers, Mimics and Treatments*...and the Saturday Symposium on *Hot Topics and Practical Pearls in Dermatology*.

## Koru Medical Systems

In-kind support consisting of disposable supplies for the Friday Hands-on Workshop on *SQ Immunoglobulin Infusion*.

## Optim LLC

In-kind support consisting of disposable supplies for the Sunday Hands-on Workshop on *Performing a Rhinology Exam*.

## Sanofi and Regeneron

Supporter of the Saturday Symposium on *Mastering Biologics Used in Atopic Conditions*.

## SmartPractice

In-kind support consisting of disposable supplies for the Saturday Hands-on Workshop on *Patch Testing 101: Basics of Patch Testing*...and the Saturday Hands-on Workshop on *End Game: Calling all Patch Test Experts*.

## Stallergenes Greer

Supporter of Sunday's *Allergen Mixing in the Allergist's Office*.

## Takeda

Supporter of the Friday Hands-on Workshop on *Facilitated SQ Immunoglobulin Infusion*...and co-supporter of the Sunday Symposium on *Updates on Urticaria and Advice on Angioedema*.

# Join Us for Upcoming Expert-Led Medical Programs

## Exploring Difficult-to-Treat Asthma: A Series of Case-Based Discussions Non-CME Corporate Forum

### Program Description

Join experts for an interactive discussion and review of clinical challenges presented by uncontrolled, difficult to treat and severe asthma, often complicated by comorbidities.

Case discussions will review clinical presentation and evidence-based guidelines to improve understanding of when to optimize inhaled therapy versus add a biologic to improve patient outcomes.

### Speakers



Brian Modena, MD, MSc



Diego Maselli, MD

**Friday, November 11, 2022**

8:00 – 10:00 PM ET

Omni Louisville Hotel

Olmsted Ballroom Salon 4 (Level 2)

## Navigating Complex Cases in Rare Eosinophilic Diseases: EGPA and HES Non-CME Product Theater

### Program Description

Eosinophilic granulomatosis with polyangiitis (EGPA) and hypereosinophilic syndrome (HES) are rare eosinophilic disorders that may present similarly and present a diagnostic challenge.

Join an expert allergist-immunologist for a case-based discussion that will highlight the role of multidisciplinary collaboration in facilitating and expediting the diagnosis and management of these heterogeneous diseases.

### Speaker



Thanai Pongdee, MD

**Saturday, November 12, 2022**

2:35 – 3:00 PM ET

Product Theater 2

Exhibit Hall (2nd Floor)

The content and views expressed in these Non-CME disease programs do not necessarily reflect the views, policies, or position of the American College of Allergy, Asthma & Immunology.

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# Meeting Information

## Admission by Badge Only

Admission to all meeting rooms and the exhibit area will be by badge only. This rule will be strictly enforced by security guards at all entrances. Note: Children under 12 are not admitted to the scientific sessions or the exhibit area.

### Badge Designations

Blue	Member/Fellow Physicians
Purple	Non-member Physicians
Green	Nurses/Allied Health
Lime	Fellows-in-Training/Residents
Orange	Non-Physicians
Red	Technical Exhibitors
Teal	Spouses/Guests
Lt Orange	Press
Fuchsia	Staff
Gray	Meeting Technicians

**Replacement badges – \$10.00 each**

## Alliance Hospitality Suite

The Alliance Hospitality Suite – located in Commonwealth Ballroom Salons 2 & 3 (Level 2) of the Omni Louisville Hotel – hosts a variety of social events and programs for registered spouses and guests only from 8:00 – 10:30 am, Friday through Sunday. See page 85 for additional information.

## Annual Meeting Website

Maximize your time at the meeting! Find schedules, download handouts and access all the information you need at [annualmeeting.acaai.org](http://annualmeeting.acaai.org).

## Audience Response System **ARS**

Sessions designated as ARS use our audience response system. To participate, select ARS from the meeting app menu or go to [acaai.cnf.io](http://acaai.cnf.io). Select the session and the poll will appear when activated by the speaker.

## Capturing NPI Numbers

As part of the health care reform legislation signed into law in March 2010, the Physician Payment Sunshine Act requires medical device, biologic and drug companies to publicly disclose gifts and payments made to physicians. To help our ACAAI Annual Scientific Meeting exhibitors and industry partners in fulfilling the mandatory reporting provisions of the Sunshine Act, the College is requesting U.S. health care provider attendees to supply their 10-digit NPI (National Provider Identifier) number when registering for the Annual Scientific Meeting. The NPI will be embedded in the bar code data on the attendee's badge – it will NOT be printed on the badge. Exhibitors can download the NPI information by scanning the badge through a lead retrieval system so that they can record and track any reportable transactions.

## Child Care Services

Note: Children under 12 are not admitted to the scientific sessions or the exhibit area. Please contact the concierge at the hotel where you are staying for a list of bonded independent babysitters and babysitting agencies.

## Coat/Luggage Check

A complimentary coat/luggage check is located in the Main Concourse (near the entrance) of the Kentucky International Convention Center and will be available:

Hours:	Thursday:	7:00 am – 6:30 pm
	Friday:	6:00 am – 6:30 pm
	Saturday:	6:00 am – 6:00 pm
	Sunday:	6:15 am – 6:00 pm
	Monday:	7:00 am – 1:00 pm

## College Resource Center

Stop by the College Resource Center, located at Booth #901 in the Exhibit Hall (Upper Concourse) of the Kentucky International Convention Center, to get connected and learn about ongoing College resources, programs, Vision Forward, The Allergists' Foundation and more.

In addition, you can learn more about what's available online in the College Learning Connection and Practice Management Center.

Hours:	Friday:	2:00 – 6:00 pm
	Saturday:	9:00 am – 4:30 pm
	Sunday:	9:00 am – 1:30 pm

# Meeting Information

## NEW THIS YEAR!

### Complimentary On Demand Access to Continuing Assessment Program (CAP) Review

Participants are offered complimentary access to prerecorded CAP Review presentations through the College Learning Connection.

The CAP Review is a literature-style review covering most of the articles chosen by the ABAI for the current six-month cycle of the CAP. The online presentations focus on key aspects of the study design, results and implications for practice. The goal of this session is to help prepare attendees for the first cycle of the ABAI CAP program.

### Credit Claiming

For your convenience, the College will be using an online evaluation and credit claiming system for the 2022 Annual Scientific Meeting. This system will allow you to complete evaluations and claim credit for sessions attended. After completing an Annual Meeting evaluation, you will be able to save and/or print your certificate.

Kiosks to claim credit during the meeting are located in the Main Concourse outside the Ballroom of the Kentucky International Convention Center. Complete details can be found on page 20.

### Disclaimer

The primary purpose of the ACAAI Annual Scientific Meeting is educational. Information, as well as technologies, products and/or services discussed, is intended to inform participants about the knowledge, techniques and experiences of specialists who are willing to share such information with colleagues. A diversity of professional opinions exists in the specialty and the views of the College disclaim any and all liability for damages to any individual attending this conference and for all claims which may result from the use of information, technologies, products and/or services discussed at the conference.

### Doctors' Job Fair

Looking for new opportunities, an associate for your group or a buyer for your practice? The Doctors' Job Fair brings together all interested parties seeking or offering professional opportunities.

This unique program is scheduled on Saturday from 11:30 am – 3:00 pm in the Exhibit Hall of the Kentucky International Convention Center. Representatives of clinics, groups and physicians' offices looking for associates will be among those conducting interviews, which will be held in semi-private draped booths.

### ePosters

NOT FOR CREDIT

ePosters provide an engaging and interactive visual presentation of abstracts and allow for online access with full search capabilities. Each presenting author has a 10 – 15-minute presentation slot in which the author will present their research from a dedicated presentation monitor and answer questions.

Check the ACAAI Annual Meeting website for presentation times. ePosters also are accessible at <https://epostersonline.com/acai2022/> and via the meeting app during the conference.

The ePosters will be on display in the Exhibit Hall (Upper Concourse) and will be assigned to monitors by category. When ePosters are not being presented, the monitors are self-service for searching and viewing ePosters.

Monitors 1 – 8: Medically Challenging Cases – hear about unusual cases.

Monitors 9 – 17: Scientific Research – learn about the latest studies.

Hours: Friday: 3:00 – 6:00 pm, Meet the Authors  
Saturday: 9:35 – 10:00 am, On Demand Viewing  
11:35 am – 1:00 pm, Meet the Authors  
2:35 – 3:00 pm, On Demand Viewing  
Sunday: 9:35 – 10:00 am, On Demand Viewing  
11:35 am – 1:00 pm, Meet the Authors

ePosters go live online at 9:30 am ET on Thursday, November 10, and are accessible online and on demand. Search for specific topics or browse at your leisure. ePosters are accompanied with audio/video submissions detailing each abstract. ePosters will remain viewable on demand for six months following the Annual Meeting at <https://epostersonline.com/acai2022/>.

*Supported by Sanofi and Regeneron*





# Meeting Information

## Emergency

In the event of an emergency, please call the Department of Public Safety at (502) 595-4362 from your mobile phone. The Department of Public Safety will respond and dispatch EMT or call 9-1-1 and escort them to the area.

## Exhibit Hall

More than 90 technical and scientific exhibitors in more than 279 booths are displaying their latest products in the Exhibit Hall of the Kentucky International Convention Center during the Annual Meeting. The College appreciates the support of its exhibitors and urges all registrants to visit the booths.

Hours: Friday: 2:00 – 6:00 pm  
Saturday: 9:00 am – 4:30 pm  
Sunday: 9:00 am – 1:30 pm

## First Aid

A First Aid station is located in the Main Concourse by Ballroom E in the Kentucky International Convention Center during the following hours:

Hours: Thursday: 7:00 am – 6:30 pm  
Friday: 6:00 am – 6:30 pm  
Saturday: 6:30 am – 6:00 pm  
Sunday: 6:30 am – 6:00 pm  
Monday: 7:00 am – 1:00 pm

## Food Outlets

There are two food and beverage outlets at the Convention Center that will be open during the meeting. Please note that the Convention Center is a cashless facility and will only accept credit and debit cards.

### Oak & Brew

*(located on Main Concourse by Ballroom DE)*

Hours: Thursday: 7:00 am – 5:00 pm  
Friday: 7:00 am – 4:00 pm  
Saturday: 7:00 am – 4:00 pm  
Sunday: 7:00 am – 4:00 pm

### Exhibit Hall

Hours: Friday: 11:00 am – 2:00 pm  
Saturday: 11:00 am – 2:00 pm  
Sunday: 11:00 am – 2:00 pm

## The Allergists' Foundation

The Allergists' Foundation, the College's philanthropic arm, funds research that aims to remove barriers to allergy care, improve patient health outcomes and ensure the well-being of our communities. We are proud to recognize those individuals who have generously supported the work of the Foundation. A list of our top donors can be found on the Foundation Honor Display located on the Upper Concourse of the Kentucky International Convention Center.

Anyone who makes a donation during the Annual Meeting is being recognized with an "I Gave in Louisville" sticker:



The Allergists' Foundation invites everyone to join us in this critical investment in our specialty by making a gift in support of the Community Grants Program. Your support can make all the difference toward empowering practicing allergists and ensuring richer, fuller lives for our patients!

Text "allergists" to 50155 or scan the code to make a donation. Visit us at the College Resource Center (Booth #901) to pick up your sticker and learn more about the Community Grant Program.



**Scan to make a donation, or visit us at the College Resource Center (Booth #901) to learn more.**

## Handouts

Session handouts are available for download online at [annualmeeting.acaai.org](http://annualmeeting.acaai.org) and through the meeting app.

## Health & Safety

The safety and well-being of all ACAAI Annual Meeting attendees and exhibitors is a top priority of the College. We are closely monitoring the situation related to COVID-19 and plan to adhere to the Centers for Disease Control (CDC) guidelines, along with any federal, state and local government mandates in place at the time of our meeting.

# Meeting Information

## Livestream Sessions **LIVESTREAM**

Select sessions from our Main Program, the Thursday International Food Allergy Symposium and the Friday Annual Literature Review will be broadcast in real time to our Livestream registrants. In addition to viewing the presentations and streaming audio and video, our Livestream registrants can submit questions to speakers and chat with other Livestream attendees. Visit [annualmeeting.acaai.org/livestream.cfm](http://annualmeeting.acaai.org/livestream.cfm) or see page 32 for details.

## Lost and Found

In the event that you have lost or found a personal belonging, please visit the ACAAI Registration Desk located on the Upper Concourse – South Pre-Function of the Kentucky International Convention Center, to either turn in or report a lost item.

## Louisville Information

Discover what there is to see and do in Louisville at [gotolouisville.com](http://gotolouisville.com).

## Meeting App

Maximize your time at the meeting with the free ACAAI Annual Scientific Meeting app. Check the schedule, connect to Q&A, jump on social media and more. To download, search for ACAAI in your app store.

*Supported by Amgen and AstraZeneca*

## Meeting On Demand

The recorded educational sessions from the 2022 Annual Meeting will be hosted on the College Learning Connection website. On Demand courses will be available to all registrants following the meeting. Go to [annualmeeting.acaai.org/ondemand.cfm](http://annualmeeting.acaai.org/ondemand.cfm) for more information.

## Networking Goes Viral: #ACAAI22

Be a part of the Annual Meeting conversation! Use #ACAAI22 in your meeting-related tweets and follow the College @ACAAI. Also, share Facebook posts from [facebook.com/TheACAAI](https://facebook.com/TheACAAI).

## Non-CME Corporate Forums

**NOT FOR CREDIT**

These non-CME commercial presentations and promotional sessions are organized by industry and designed to enhance your meeting experience. All attendees are invited to attend these sessions. Non-CME Corporate Forums are scheduled at the end of each day on Thursday, Friday and Saturday at the Omni Louisville Hotel. Please see pages 80-82 for additional information.

## Nursing/Lactation Room

The Kentucky International Convention Center has a Nursing/Lactation room located on the Main Concourse in the Boardroom Lobby across from Oak and Brew (please check in with receptionist in the Administrative Offices to gain access).

## Photography/Video Recordings

By registering for this meeting, attendees acknowledge and agree that ACAAI or its agents may take photographs during events and may freely use those photographs in any media for College purposes, including, but not limited to, news and promotional purposes.

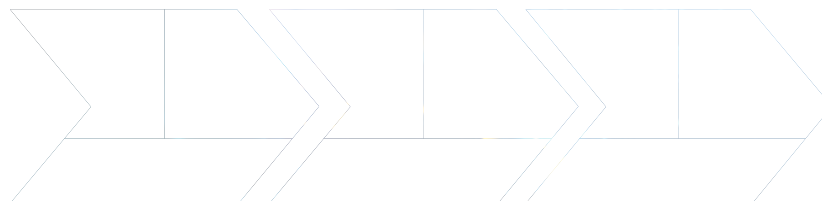
The presentations, slides and materials provided in this program are the property of the College or are used with permission of the owner. You may not photograph, videotape, audiotape or otherwise record or reproduce any of the presentations without express written permission from the College. Any attendee believed to be violating this restriction will be removed from the session and may be prohibited from participating in future College meetings.

## President's Welcome Reception

All attendees are encouraged to attend the President's Welcome Reception on Friday, held at Churchill Downs from 6:00 – 7:30 pm. It's the perfect place to catch up with old friends and make new acquaintances.

Buses will begin departing at 5:40 pm from the Omni Louisville, Louisville Marriott Downtown, Hyatt Regency and Seelbach Hilton hotels.

*Supported by Aimmune Therapeutics*



# Meeting Information

## Product Theaters



These are commercial presentations conducted by exhibiting companies in specially constructed theaters within the Exhibit Hall (Upper Concourse) of the Kentucky International Convention Center. There are four Product Theaters where a limited number of 25-minute and 85-minute sessions will be presented each day during the refreshment and lunch breaks. Product Theaters are non-CME forums organized by industry and designed to enhance your learning experience. Please see pages 86-90 for additional information.

## Q&A

All Q&A for sessions will be conducted through the meeting app for our onsite and livestream audience. Just click Q&A on the meeting app or go to [acaai.cnf.io](http://acaai.cnf.io). Select your session and click on Ask.

## Quiet Reflection Room

Room L002 (Lower Concourse) in the Kentucky International Convention Center has been designated for prayer and meditation and is available for use during meeting hours.

## Recorded Presentations



Some sessions will include pre-recorded/taped presentations.

## Registration Desk Hours

The Registration Desk is located in the South Pre-Function area on the Upper Concourse of the Kentucky International Convention Center and will be open:

Hours: Wednesday: 3:30 – 6:30 pm  
Thursday: 7:00 am – 5:00 pm  
Friday: 6:00 am – 6:00 pm  
Saturday: 7:00 am – 4:00 pm  
Sunday: 7:00 am – 4:00 pm  
Monday: 7:00 am – noon

## Speaker Ready Room

The Speaker Ready Room is located in Rooms L007-L008 (Lower Concourse) of the Kentucky International Convention Center and will be open:

Hours: Wednesday: 3:00 – 7:00 pm  
Thursday: 7:00 am – 7:00 pm  
Friday: 6:00 am – 6:30 pm  
Saturday: 6:30 am – 6:00 pm  
Sunday: 6:00 am – 6:00 pm  
Monday: 7:00 am – 12:30 pm

All presenters must check into the Speaker Ready Room at least six hours before the start of their presentation.

## Special Needs

In compliance with the Americans with Disabilities Act, ACAAI requests that participants in need of special accommodation submit a written request to ACAAI well in advance.

## Tracks

To make it easier for participants to identify Annual Meeting sessions that are relevant to their practice, the College has identified nine critical areas for allergy and immunology plus a special ACAAI track.

These nine critical areas make up the Annual Meeting Track System:

- Asthma and Respiratory / Sleep Disorders
- Clinical Immunology and Autoimmune and Biologicals
- Dermatology
- Environmental and Integrative Medicine
- Food & Drug Allergy and GI Disorders
- Immunotherapy and Diagnostics
- Population Health and Infectious Diseases / International Travel
- Practice Management / Professional Issues / Advocacy
- Rhinitis / Sinusitis / Ocular and Anaphylaxis.

View all sessions associated with any of these tracks on the Annual Meeting website.

## Wellness Sessions

Start your day off with some light stretching and yoga. These complimentary sessions will take place on Friday, Saturday and Sunday mornings in the Marriott Ballroom Salons VII-VIII (Level 2) at the Marriott Louisville Downtown Hotel.

Friday:	6:45 – 7:30 am	Gentle Sunrise Stretch
Saturday:	6:15 – 7:00 am	Morning Mindfulness
Sunday:	6:45 – 7:30 am	Slow Flow Yoga

## Wireless Internet

Complimentary Wi-Fi is provided to all College attendees at the Kentucky International Convention Center.

- Open your wireless network connections
- Connect to the "ACAAI" wireless network
- Enter password: [acaai2022](http://acaai2022)

*Supported by BioCryst Pharmaceuticals, Inc.*

# Meeting Information

## SPARK Program

The ACAAI SPARK program was developed to help “spark” an interest in residents who might be considering a career in allergy / immunology. The SPARK program provides \$1,500 grants to help cover the expenses for residents (Pediatric, Internal Medicine, or Med-Peds) to spend three days at the ACAAI Annual Meeting. Residents are encouraged to attend a wide variety of sessions covering all aspects of allergy / immunology. With the leadership of the Program Director’s Committee, chaired by Christopher Chang, MD, PhD, MBA, and FIT Representatives Christopher Foster, MD, and Brent Griffin, MD, MPH, each SPARK recipient will have a FIT mentor. You might recognize them by their yellow SPARK ribbon, so please say hello and welcome our 2022 SPARK recipients:

Anam Ashraf, MD • University of Oklahoma College of Community Medicine  
Olanike Awotunde • Howard University College of Medicine  
Crisjana Bellamy • Howard University College of Medicine  
Irene Cofie • Washington University - Meharry  
Rachna Dave, MD • Emory University General Pediatric Residency  
Lauren Davidson, MD • University of Rochester Medical Center – Internal Medicine  
Amber Hardeman, MD • Tulane University Internal Medicine-Pediatrics  
Tevon Hood, DO • UT Dell – Pediatric Residency  
Jonathan Jalali, MD • Tulane Internal Medicine  
Genesis James • Meharry Medical College School of Medicine  
Valerie Jaroenpuntaruk, MD • University of Kentucky  
Hannah Lee, MD • Internal Medicine-Pediatric Residency at UT Southwestern  
Samantha Nguyen, MD • Kaiser Permanente Oakland Medical Center  
Emma Roellke, MD • NYU Long Island School of Medicine  
Prabhjot Sekhon, MD • NYC Health and Hospitals/Woodhull (Woodhull Medical Center)  
Serena Shaffren, MD • John Hopkins All Children’s Hospital  
Victoria Shum, MD • Eastern Virginia Medical School  
Ammarah Spall, MD • Stonybrook University Hospital  
Chang Su, MD • Yale New Haven Hospitals/Woodhull Medical Center  
Mariah Tate • Howard University College of Medicine



# Education Information

This activity is supported by educational grants from commercial interests. Complete information will be provided to participants prior to the activity. Educational credit will be available to attendees. Complete details about accreditation and credit designation are available online.

## Target Audience

Medical professionals who treat patients with allergic and/or immunological conditions:

- Practicing Allergist/Immunologists
- Academic Allergists including Training Program and Division Directors
- Allergy/Immunology Fellows-in-Training
- Physician Assistants and Advanced Practice Nurses
- Allied Health Professionals
- Practice Management/Office Administrators
- Primary Care Physicians and other medical professionals

## Overall Educational Objectives

At the conclusion of this activity, participants should be able to:

- Identify major advances in key areas of cutting-edge research in immunologic mechanisms and allergic responses, including anaphylaxis and pathophysiology of the upper airways, lungs, eyes, skin and gastrointestinal tract.
- Demonstrate knowledge of basic processes linking molecular and cellular biology and genetics with allergic pathophysiology and immunodeficiency.
- Translate emerging clinical science principles to clinical practice in patients with allergic and immunologic diseases.
- Evaluate and implement state-of-the-art diagnostic and therapeutic strategies for treating patients with allergic and immunologic diseases.
- Explain the impact of environmental exposures and external influences on patients with allergic disorders.
- Recognize emerging trends in the prevalence of allergic and immunologic disorders and discuss their impact on public health.
- Evaluate the impact of new diagnostic and therapeutic strategies on health care costs and outcomes.
- Discuss processes, tools and technologies for the efficient allergy and immunology practice.

## Disclosure Statement

As required by the Accreditation Council for Continuing Medical Education (ACCME) and in accordance with the American College of Allergy, Asthma & Immunology (ACAAI) policy, the College must identify and mitigate conflicts of interest for all individuals responsible for the development, management, presentation, and/

or evaluation relevant to a CME activity. Disclosed information is reviewed in advance, in order to manage and mitigate any potential conflicts of interest. Disclosure in no way implies that the information presented is biased or of lesser quality; it is incumbent upon course participants to be aware of these factors in interpreting the program contents and evaluating recommendations.

Specific disclosure information for the 2022 Annual Meeting is conveniently located on the Annual Meeting website at [annualmeeting.acaai.org/2022/education\\_info.cfm](http://annualmeeting.acaai.org/2022/education_info.cfm). There is a link to this web page in the meeting app.

## Accreditation Statements

The American College of Allergy, Asthma & Immunology (ACAAI) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



## Credit Designation

The American College of Allergy, Asthma & Immunology (ACAAI) designates this live activity for a maximum of 30.25 AMA PRA

Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This continuing medical education activity has been reviewed by the American Academy of Pediatrics and is acceptable for a maximum of **30.25** AAP credits. These credits can be applied toward the AAP CME/CPD Award available to Fellows and Candidate Members of the American Academy of Pediatrics.

### Advanced Practice Health Care Providers

#### One-Day Course:

This activity has been designated for up to **6** Continuing Education contact hours.

#### Allied Health Professionals One-Day Course:

This activity has been designated for up to **6** Continuing Education contact hours.

## Maintenance of Certification

ACAAI will not be designating any 2022 Annual Meeting sessions for MOC Part II Self-Assessment Credit. However, you'll find other opportunities to earn MOC Part II Self-Assessment credit on the College Learning Connection ([education.acaai.org](http://education.acaai.org)).

**IMPORTANT:** ABAI's MOC program requires diplomates to obtain a minimum of 25 CME credits in allergy and immunology each year. CME credits for the Annual Meeting can be used to satisfy this requirement.

# Evaluation and Credit Claiming

For your convenience, the College will be using an online evaluation and credit claiming system for the 2022 Annual Scientific Meeting. This system will allow you to complete evaluations and claim credit for sessions attended. After completing an overall meeting evaluation, you will be able to save and/or print your certificate.

## Where to access the evaluation and credit claiming system:

### At the meeting:

- CME Kiosks located in the Main Concourse outside the Ballroom of the Kentucky International Convention Center
- Personal laptops, tablets and other mobile devices (recommended) at [annualmeeting.acaai.org](https://annualmeeting.acaai.org).

### After the meeting:

- Online at [annualmeeting.acaai.org](https://annualmeeting.acaai.org).

## How to log into the evaluation and credit claiming system:

- 1) Go to [annualmeeting.acaai.org](https://annualmeeting.acaai.org).
- 2) Click the "2022 Claim Credit" button.
- 3) Log in using your last name and badge ID number.
- 4) Complete the evaluations and claim your credit for the sessions you attended.
- 5) Complete the overall meeting evaluation.
- 6) Save and/or print your certificate.

Please complete the evaluation and credit claiming by **December 31, 2022**.

## Certificates:

- CME Certificates will be awarded to physicians only, per the American Medical Association (AMA PRA Handbook, p. 8).
- Certificates of Attendance will be awarded to any non-physician participants that complete the evaluation and credit claiming.

Visit [annualmeeting.acaai.org](https://annualmeeting.acaai.org) for additional information.

## Replacement Certificates:

Once you have claimed credit for the 2022 Annual Meeting, your certificate will always be available on the College Learning Connection ([education.acaai.org](https://education.acaai.org)). Log in using your College username/password, and click "My Learning" to view your learning transcript.



# Daily Events

*All programs held at the Kentucky International Convention Center unless otherwise noted.*

HOURS		ROOM
<b>Wednesday, November 9th</b>		
3:00 – 7:00 pm	Speaker Ready Room . . . . .	L007-L008
3:30 – 6:30 pm	Registration . . . . .	Upper Concourse – South Pre-Function

<b>Thursday, November 10th</b>		
7:00 am – 5:00 pm	Registration . . . . .	Upper Concourse – South Pre-Function
7:00 am – 6:00 pm	Quiet Reflection Room . . . . .	L002
7:00 am – 6:30 pm	Coat / Luggage Check . . . . .	Main Concourse
7:00 am – 7:00 pm	Speaker Ready Room . . . . .	L007-L008
8:00 – 11:30 am	International Food Allergy Symposium . . . . .	Ballroom ABC
8:00 am – 4:00 pm	Board of Regents Meeting . . . . .	Commonwealth Ballroom Salons 1-3 (Omni – Level 2)
9:30 – 10:00 am	Refreshment Break . . . . .	Ballroom ABC Pre-Function
11:30 am – 1:00 pm	International Food Allergy Symposium Luncheon . . . . .	Ballroom DE
1:00 – 4:30 pm	International Food Allergy Symposium . . . . .	Ballroom ABC
2:30 – 3:00 pm	Refreshment Break . . . . .	Ballroom ABC Pre-Function
4:30 – 6:00 pm	International Food Allergy Symposium: ProCon Debate . . . . .	Ballroom DE
6:30 – 8:30 pm	Non-CME Corporate Forum: Aimmune Therapeutics . . . . .	Olmsted Ballroom Salon 4 (Omni – Level 2)
6:30 – 8:30 pm	Non-CME Corporate Forum: AstraZeneca . . . . .	Olmsted Ballroom Salons 5-7 (Omni – Level 2)
6:30 – 8:30 pm	Non-CME Corporate Forum: Sanofi and Regeneron . . . . .	Olmsted Ballroom Salons 1-3 (Omni – Level 2)

<b>Friday, November 11th</b>		
6:00 am – 6:00 pm	Registration . . . . .	Upper Concourse – South Pre-Function
6:00 am – 6:00 pm	Quiet Reflection Room . . . . .	L002
6:00 am – 6:30 pm	Speaker Ready Room . . . . .	L007-L008
6:00 am – 6:30 pm	Coat / Luggage Check . . . . .	Main Concourse

*Continues on next page*

# Daily Events

*All programs held at the Kentucky International Convention Center unless otherwise noted.*

HOURS		ROOM
<b>Friday, November 11th (continued)</b>		
6:30 – 7:45 am	<i>Breakfast Symposium: AACA: Should It Be SCIT or SLIT: An Adventure Into the World of the AIT 2022 Allergy Proceedings Primer</i> . . . . .	Ballroom DE
6:45 – 7:30 am	Health & Wellness Activity . . . . .	Marriott Ballroom Salons VII-VIII (Marriott – Level 2)
6:45 – 7:30 am	SPARK Welcome Program . . . . .	L026
8:00 – 9:30 am	<i>Symposium: Atopic Dermatitis: Triggers, Mimics and Treatments</i> . . . . .	M108-M111
8:00 – 9:30 am	<i>Symposium: Integrative Modalities in Allergy &amp; Immunology Practice</i> . . . . .	M104-M107
8:00 – 9:30 am	<i>Hands-on Workshop: SQ Immunoglobulin Infusion</i> . . . . .	M109-M110
8:00 – 9:30 am	Advanced Practice Health Care Providers Course . . . . .	L019
8:00 – 9:30 am	Practice Management Program . . . . .	M112
8:00 – 10:30 am	Alliance Hospitality Suite . . . . .	Commonwealth Ballroom Salons 2 & 3 (Omni – Level 2)
8:00 – 11:30 am	Annual Literature Review . . . . .	Ballroom ABC
8:30 – 9:30 am	Alliance: Kentucky Derby History . . . . .	Commonwealth Ballroom Salons 2 & 3 (Omni – Level 2)
9:30 – 10:00 am	Refreshment Break . . . . .	Ballroom Pre-Function & M100-M112 Pre-Function
10:00 – 11:30 am	<i>Interdisciplinary Panel: Lessons Learned on Primary Prevention of Food Allergy</i> . . . . .	M108-M111
10:00 – 11:30 am	<i>Symposium: Real World Alternatives to Traditional SCIT</i> . . . . .	M104-M107
10:00 – 11:30 am	Advanced Practice Health Care Providers Course . . . . .	L019
10:00 – 11:30 am	Practice Management Program . . . . .	M112
11:30 am – 1:00 pm	Advanced Practice Health Care Providers Course Lunch Break . . . . .	On Own
11:30 am – 1:00 pm	Literature Review Lunch Break . . . . .	On Own
11:30 am – 1:00 pm	Practice Management Program Lunch Break . . . . .	On Own
11:30 am – 1:30 pm	Corporate Council Meeting . . . . .	L014
Noon – 3:00 pm	FIT Bowl Subcommittee . . . . .	L013
1:00 – 2:30 pm	<i>Clinical Conundrum: Looking for Zebras in Diagnosing PIDD</i> . . . . .	M108-M111
1:00 – 2:30 pm	<i>Interdisciplinary Symposium: Be Aware of the Copycat – Asthma Mimickers</i> . . . . .	M104-M107



# Daily Events

All programs held at the Kentucky International Convention Center unless otherwise noted.

HOURS		ROOM
<b>Friday, November 11th (continued)</b>		
1:00 – 2:30 pm	<i>Hands-on Workshop: The Use of Case Simulation for the Education of Allergy Emergencies – Spotlight on Anaphylaxis.</i> . . . . .	M105-M106
1:00 – 2:30 pm	Advanced Practice Health Care Providers Course . . . . .	L019
1:00 – 2:30 pm	Practice Management Program. . . . .	M112
1:00 – 4:30 pm	Annual Literature Review . . . . .	Ballroom ABC
2:00 – 6:00 pm	College Resource Center – Booth #901 . . . . .	Exhibit Hall
2:00 – 6:00 pm	Exhibit Hours . . . . .	Exhibit Hall
2:30 – 3:00 pm	Refreshment Break / Visit Exhibits. . . . .	Exhibit Hall
3:00 – 4:30 pm	<i>Clinical Conundrum: Evaluation and Management of Non-IgE Food Allergy</i> . . . . .	M108-M111
3:00 – 4:30 pm	<i>Ask the Experts: An Improved Practice.</i> . . . . .	L017-L018
3:00 – 4:30 pm	<i>AHP Hands-on Workshop: The Use of Case Simulation for the Education of Allergy Emergencies – Spotlight on Anaphylaxis.</i> . . . . .	M105-M106
3:00 – 4:30 pm	Advanced Practice Health Care Providers Course . . . . .	L019
3:00 – 4:30 pm	Practice Management Program. . . . .	M112
3:00 – 5:00 pm	Alliance Pre-board Meeting. . . . .	Hikes Point (Omni – Level 2)
3:00 – 6:00 pm	ePosters – Meet the Authors: Session 1 . . . . .	Exhibit Hall
4:30 – 5:30 pm	Leadership Summit Reception. . . . .	Commonwealth Ballroom Salon 2 (Omni – Level 2)
4:30 – 5:45 pm	House of Delegates Town Hall Meeting . . . . .	M100-M103
4:30 – 6:00 pm	FIT Integrated Educational Program and Business Meeting. . . . .	M104-M107
4:45 – 6:00 pm	Advanced Practice, Allied Health and Office Administrators Networking Reception. . . . .	Commonwealth Ballroom Salon 3 (Omni – Level 2)
6:00 – 7:30 pm	President's Welcome Reception . . . . .	Off-Site (Churchill Downs)
8:00 – 10:00 pm	Non-CME Corporate Forum: GSK. . . . .	Olmsted Ballroom Salon 4 (Omni – Level 2)
8:00 – 10:00 pm	Non-CME Corporate Forum: Incyte Corporation. . . . .	Olmsted Ballroom Salons 5-7 (Omni – Level 2)
8:00 – 10:00 pm	Non-CME Corporate Forum: Sanofi and Regeneron . . . . .	Olmsted Ballroom Salons 1-3 (Omni – Level 2)

Daily Events

Continues on next page

# Daily Events

All programs held at the Kentucky International Convention Center unless otherwise noted.

HOURS		ROOM
<b>Saturday, November 12th</b>		
6:00 am – 6:00 pm	Coat / Luggage Check . . . . .	Main Concourse
6:15 – 7:00 am	Health & Wellness Activity . . . . .	Marriott Ballroom Salons VII-VIII (Marriott – Level 2)
6:15 – 7:15 am	Fellows-in-Training and Allergy/Immunology Program Directors' Breakfast . . . . .	Ballroom DE
6:30 – 7:30 am	Committee Chair and Vice-chair Breakfast . . . . .	L026
6:30 am – 6:00 pm	Speaker Ready Room . . . . .	L007-L008
6:30 am – 6:00 pm	Quiet Reflection Room . . . . .	L002
7:00 – 8:30 am	<i>Annals'</i> Editors Meeting . . . . .	L013
7:00 am – 4:00 pm	Registration . . . . .	Upper Concourse – South Pre-Function
7:20 – 8:00 am	Opening Ceremony and 80th Anniversary Presentation . . . . .	Ballroom ABC
8:00 – 9:30 am	<i>Presidential Plenary: Food Allergy – Where Are We in 2022?</i> . . . . .	Ballroom ABC
8:00 – 10:30 am	Alliance Hospitality Suite . . . . .	Commonwealth Ballroom Salons 2 & 3 (Omni – Level 2)
8:30 – 9:30 am	Alliance: Little Mount Lavender With Jason Woodlief . . . . .	Commonwealth Ballroom Salons 2 & 3 (Omni – Level 2)
9:00 am – 4:30 pm	College Resource Center – Booth #901 . . . . .	Exhibit Hall
9:00 am – 4:30 pm	Exhibit Hours . . . . .	Exhibit Hall
9:30 – 10:00 am	Refreshment Break / Visit Exhibits . . . . .	Exhibit Hall
9:30 – 10:30 am	Population Health Committee . . . . .	L001
9:30 – 10:30 am	The History of Bourbon With Michael Veach . . . . .	Commonwealth Ballroom Salons 2 & 3 (Omni – Level 2)
9:35 – 10:00 am	ePosters – On Demand Viewing . . . . .	Exhibit Hall
9:35 – 10:00 am	Product Theater 1: AstraZeneca . . . . .	Exhibit Hall
9:35 – 10:00 am	Product Theater 2: GSK . . . . .	Exhibit Hall
9:35 – 10:00 am	Product Theater 3: DBV Technologies . . . . .	Exhibit Hall
10:00 – 11:30 am	Allied Health Professionals Course . . . . .	M112
10:00 – 11:30 am	<i>Symposium: Drug Hypersensitivity Reactions in 2022: What Should We Know?</i> . . . . .	Ballroom ABC
10:00 – 11:30 am	<i>Symposium: Decision Thresholds for Management Recommendations</i> . . . . .	M104-M107
10:00 – 11:30 am	<i>Symposium: Physician Health, Wellness and Burnout</i> . . . . .	M108-M111

# Daily Events

All programs held at the Kentucky International Convention Center unless otherwise noted.

HOURS		ROOM
<b>Saturday, November 12th (continued)</b>		
10:00 – 11:30 am	<i>Symposium: Editor's Pick – Best Articles from Annals of Allergy, Asthma and Immunology</i>	M100-M103
10:00 – 11:30 am	<i>Hands-on Workshop: Making the Cut: Punch vs. Shave Biopsy</i>	M109-M110
11:30 am – 1:00 pm	Lunch Concessions / Visit Exhibits	Exhibit Hall
11:30 am – 1:00 pm	GME Program Directors' Luncheon	L026
11:30 am – 1:00 pm	2023 Annual Meeting Program Committee	L013
11:30 am – 3:00 pm	Doctors' Job Fair	Exhibit Hall
11:35 am – 1:00 pm	ePosters – Meet the Authors: Session 2	Exhibit Hall
11:35 am – 1:00 pm	Product Theater 1: Amgen and AstraZeneca	Exhibit Hall
11:35 am – 1:00 pm	Product Theater 2: Pfizer, Inc.	Exhibit Hall
11:35 am – 1:00 pm	Product Theater 3: BioCryst Pharmaceuticals, Inc.	Exhibit Hall
11:35 am – 1:00 pm	Product Theater 4: Genentech, a member of the Roche Group	Exhibit Hall
Noon – 1:00 pm	Asthma Committee	L001
Noon – 1:00 pm	Practice Management Committee	L030
1:00 – 2:30 pm	<i>Practical Applications at Work Seminar: The Asthma Patient: What Would You Do?</i>	Ballroom ABC
1:00 – 2:30 pm	<i>Symposium: Anaphylaxis Practice Parameter Update.</i>	M104-M107
1:00 – 2:30 pm	<i>Symposium: EAACI – Novel Insights Into the Endotype of Allergic Asthma.</i>	M108-M111
1:00 – 2:30 pm	<i>Ask the Experts: The OIT Journey From A-Z</i>	L017-L018
1:00 – 2:30 pm	<i>Hands-on Workshop: Patch Testing 101: Basics of Patch Testing.</i>	M109-M110
1:00 – 2:30 pm	<b>Allied Health Professional Course Breakouts</b>	
	"Am I Doing This Right?"	M113
	Anaphylaxis In and Out of the Office.	M112
1:30 – 3:00 pm	The Allergists' Foundation Board of Trustees Meeting	L016
2:30 – 3:00 pm	Ice Cream & Refreshment Break / Visit Exhibits	Exhibit Hall
2:35 – 3:00 pm	ePosters – On Demand Viewing	Exhibit Hall
2:35 – 3:00 pm	Product Theater 1: AstraZeneca	Exhibit Hall

Daily Events

Continues on next page

# Daily Events

*All programs held at the Kentucky International Convention Center unless otherwise noted.*

HOURS		ROOM
<b>Saturday, November 12th (continued)</b>		
2:35 – 3:00 pm	Product Theater 2: GSK . . . . .	Exhibit Hall
2:35 – 3:00 pm	Product Theater 3: Sanofi and Regeneron . . . . .	Exhibit Hall
2:35 – 3:00 pm	Product Theater 4: Pharming Group NV . . . . .	Exhibit Hall
3:00 – 4:00 pm	Women in Allergy Committee . . . . .	L030
3:00 – 4:30 pm	Advocacy Council Meeting . . . . .	L014
3:00 – 4:30 pm	<i>Symposium: Hot Topics and Practical Pearls in Dermatology</i> . . . . .	Ballroom ABC
3:00 – 4:30 pm	<i>Symposium: Management of Primary Immunodeficiency Beyond Immunoglobulin Replacement.</i> . . . . .	M108-M111
3:00 – 4:30 pm	<i>Hands-on Workshop: End Game: Calling All Patch Test Experts</i> . . . . .	M109-M110
3:00 – 4:30 pm	Allied Health Professionals Course . . . . .	M112
3:00 – 5:00 pm	<i>Annals</i> Editorial Board Meeting . . . . .	L013
4:30 – 5:00 pm	Biologics and Pharmacology Committee . . . . .	L001
4:30 – 5:30 pm	Distinguished Industry Oral Abstracts: Session A . . . . .	M100-M103
4:30 – 5:30 pm	Distinguished Industry Oral Abstracts: Session B . . . . .	M104-M107
4:30 – 5:30 pm	<i>Oral Abstracts Session 1: Food Allergy.</i> . . . . .	M108-M111
4:30 – 5:30 pm	<i>Oral Abstracts Session 2: Asthma/AERD/Rhinitis</i> . . . . .	M101-M102
4:30 – 5:30 pm	<i>Oral Abstracts Session 3: Host Immunity and Primary Immunodeficiency</i> . . . . .	M112
4:30 – 5:30 pm	Program Directors and SPARK Meet & Greet . . . . .	Old Louisville (Omni – Level 2)
5:30 – 7:30 pm	31st Annual FIT Bowl Competition . . . . .	Commonwealth Ballroom (Omni – Level 2)
6:00 – 7:30 pm	American Association of Allergists and Immunologists of Indian Origin (AAAI) Annual Meeting and Symposium . . . . .	Marriott Ballroom Salon VI (Marriott – Level 2)
7:45 – 9:45 pm	Non-CME Corporate Forum: AbbVie . . . . .	Olmsted Ballroom Salons 5-7 (Omni – Level 2)
7:45 – 9:45 pm	Non-CME Corporate Forum: AstraZeneca . . . . .	Olmsted Ballroom Salon 4 (Omni – Level 2)
7:45 – 9:45 pm	Non-CME Corporate Forum: Sanofi and Regeneron . . . . .	Olmsted Ballroom Salons 1-3 (Omni – Level 2)

# Daily Events

All programs held at the Kentucky International Convention Center unless otherwise noted.

HOURS		ROOM
<b>Sunday, November 13th</b>		
6:00 am – 6:00 pm	Speaker Ready Room . . . . .	L007-L008
6:15 am – 6:00 pm	Coat / Luggage Check . . . . .	Main Concourse
6:30 am – 6:00 pm	Quiet Reflection Room . . . . .	L002
6:45 – 7:30 am	Health & Wellness Activity . . . . .	Marriott Ballroom Salon V (Marriott – Level 2)
6:45 – 7:45 am	<b>Committee Meetings</b> . . . . .	L014
	Allied Health	
	Dermatology	
	Rhinitis/Sinusitis/Ocular	
7:00 am – 4:00 pm	Registration . . . . .	Upper Concourse – South Pre-Function
7:00 – 7:45 am	Food Allergy Committee . . . . .	L014
8:00 – 9:00 am	Exhibitors Advisory Meeting . . . . .	L001
8:00 – 9:30 am	<i>Plenary: Practicing Allergy / Immunology Into the Future</i> . . . . .	Ballroom ABC
8:00 – 10:30 am	Alliance Hospitality Suite . . . . .	Commonwealth Ballroom Salons 2 & 3 (Omni – Level 2)
8:30 – 9:30 am	Alliance: Author GT Hawkins . . . . .	Commonwealth Ballroom Salons 2 & 3 (Omni – Level 2)
9:00 am – 1:30 pm	College Resource Center – Booth #901 . . . . .	Exhibit Hall
9:00 am – 1:30 pm	Exhibit Hours . . . . .	Exhibit Hall
9:30 – 10:00 am	Refreshment Break / Visit Exhibits . . . . .	Exhibit Hall
9:30 – 10:30 am	Alliance Kids: Author Virginia Davis . . . . .	Commonwealth Ballroom Salons 2 & 3 (Omni – Level 2)
9:35 – 10:00 am	ePosters – On Demand Viewing . . . . .	Exhibit Hall
9:35 – 10:00 am	Product Theater 1: ADMA Biologics . . . . .	Exhibit Hall
9:35 – 10:00 am	Product Theater 2: Optinose . . . . .	Exhibit Hall
9:35 – 10:00 am	Product Theater 3: Sanofi and Regeneron . . . . .	Exhibit Hall
10:00 – 11:00 am	Archives Committee . . . . .	L030
10:00 – 11:00 am	International Committee . . . . .	L015
10:00 – 11:00 am	Telehealth and Technology Task Force . . . . .	L019
10:00 – 11:30 am	<i>Symposium: 7 for 11 – Hot Topics in Pediatric A&amp;I – A Joint Presentation From AAP-SOAI &amp; ACAAI</i> . . . . .	Ballroom ABC

Daily Events

Continues on next page

# Daily Events

All programs held at the Kentucky International Convention Center unless otherwise noted.

HOURS		ROOM
<b>Sunday, November 13th (continued)</b>		
10:00 – 11:30 am	<i>Symposium:</i> Updates on Urticaria and Advice on Angioedema . . . . .	M104-M107
10:00 – 11:30 am	<i>Symposium:</i> Managing CRSwNP in the Office: Putting It All Together . . . . .	M100-M103
10:00 – 11:30 am	<i>Ask the Experts:</i> How to Expand Services in Your Practice . . . . .	L017-L018
10:00 – 11:30 am	<i>Symposium:</i> Addressing the Mental Health Impact on Patients, Parents, Families . . . . .	M108-M111
11:30 am – 1:00 pm	Lunch Concessions / Visit Exhibits	Exhibit Hall
11:30 am – 1:00 pm	Fellows-in-Training and Allergy/Immunology Program Directors' Luncheon . . . . .	Marriott Ballroom Salon VI (Marriott – Level 2)
11:30 am – 1:00 pm	Women in Allergy Luncheon . . . . .	Ballroom DE
11:30 am – 1:00 pm	Past Presidents' Committee. . . . .	L016
11:35 am – 1:00 pm	ePosters: Meet the Authors: Session 3 . . . . .	Exhibit Hall
11:35 am – 1:00 pm	Product Theater 1: Blueprint Medicines . . . . .	Exhibit Hall
11:35 am – 1:00 pm	Product Theater 2: GSK . . . . .	Exhibit Hall
11:35 am – 1:00 pm	Product Theater 3: Sanofi and Regeneron . . . . .	Exhibit Hall
11:35 am – 1:00 pm	Product Theater 4: Teva Pharmaceuticals . . . . .	Exhibit Hall
Noon – 1:00 pm	Clinical Immunology and Autoimmune Diseases Committee . . . . .	L001
Noon – 3:00 pm	Alliance Luncheon . . . . .	Off-Site
1:00 – 2:30 pm	<i>Jeopardy:</i> What's That Rash, Doctor? . . . . .	Ballroom ABC
1:00 – 2:30 pm	<i>Symposium+:</i> Allergen Mixing in the Allergist's Office: Session One – The Changing Environment in Allergy and Immunology Extract Mixing . . . . .	M104-M107
1:00 – 2:30 pm	<i>Symposium:</i> Coding and Government Relations . . . . .	M100-M103
1:00 – 2:30 pm	<i>Symposium+:</i> Introductory Course in Rhinologyngoscopy . . . . .	M112
1:00 – 2:30 pm	<i>Symposium:</i> Mastering Biologics Used in Atopic Conditions . . . . .	M108-M111
2:30 – 3:00 pm	Refreshment Break. . . . .	Ballroom Pre-Function & M100-M112 Pre-Function
3:00 – 4:00 pm	Publications Committee. . . . .	L030
3:00 – 4:30 pm	<i>Symposium:</i> Breastfeeding and Maternal Diet in Eczema and Food Allergies . . . . .	Ballroom ABC

# Daily Events

All programs held at the Kentucky International Convention Center unless otherwise noted.

## HOURS

## ROOM

### Sunday, November 13th (continued)

3:00 – 4:30 pm	<i>Symposium: Allergen Mixing in the Allergist's Office: Session Two – The Compliant Mixing Room</i> . . . . .	M104-M107
3:00 – 4:30 pm	<i>Practical Applications at Work Seminar: Utilizing Genetic Testing to Manage Immunodeficiency</i> . . . . .	M100-M103
3:00 – 4:30 pm	<i>Symposium: In the News at ABAI</i> . . . . .	M108-M111
3:00 – 4:30 pm	<i>Hands-on Workshop: Performing a Rhinolaryngologic Exam</i> . . . . .	M105-M106
3:30 – 4:30 pm	Alliance Post-board Meeting . . . . .	L016
4:30 – 5:30 pm	ACAAI Annual Business Meeting . . . . .	Ballroom ABC

### Monday, November 14th

7:00 am – noon	Registration . . . . .	Upper Concourse – South Pre-Function
7:00 am – 12:30 pm	Speaker Ready Room . . . . .	L007-L008
7:00 am – 1:00 pm	Coat / Luggage Check . . . . .	Main Concourse
7:00 am – 1:00 pm	Quiet Reflection Room . . . . .	L002
8:00 – 9:30 am	<i>Plenary: Implementing New Guidelines Into Practice</i> . . . . .	Ballroom ABC
9:30 – 9:45 am	Refreshment Break . . . . .	Ballroom Pre-Function
9:45 – 11:00 am	<i>Symposium: Advances in Food Allergy Immunotherapy</i> . . . . .	Ballroom ABC
9:45 – 11:00 am	<i>ProCon Debate: Aspirin Desensitization vs. Biologic Therapy for Patients With AERD</i> . . . . .	M104-M107
9:45 – 11:00 am	<i>Symposium: How Do I Know if Allergy Shots Are Working?</i> . . . . .	M100-M103
9:30 – 11:00 am	<i>Symposium: World Allergy Organization Forum: New Approaches to Drug Allergies</i> . . . . .	M108-M111
11:00 – 11:15 am	Refreshment Break . . . . .	Ballroom Pre-Function & M100-M112 Pre-Function
11:15 am – 12:30 pm	<i>Symposium: Hybrid Care: The Uses of Remote Patient Monitoring in Clinical Practice</i> . . . . .	Ballroom ABC
11:15 am – 12:30 pm	<i>Symposium: The Management of COVID for the Allergist / Immunologist</i> . . . . .	M104-M107
11:15 am – 12:30 pm	<i>Symposium: Treatment of Non-Th2 Asthma</i> . . . . .	M100-M103
11:15 am – 12:30 pm	<i>Interdisciplinary Panel: Infections, Microbiome and Bacteriotherapies in Atopic Dermatitis</i> . . . . .	M108-M111

# Committee Meetings

*All committee meetings are held at the Kentucky International Convention Center.  
Members of committees not listed below are encouraged to watch for  
information about any upcoming meetings from their chair or staff liaison.*

HOURS		ROOM
	<b>Friday</b>	
Noon – 3:00 pm	FIT Bowl Subcommittee* . . . . .	L013
	<b>Saturday</b>	
6:30 – 7:30 am	Committee Chair and Vice-chair Breakfast* . . . . .	L026
7:00 – 8:30 am	<i>Annals</i> Editors Meeting* . . . . .	L013
9:30 – 10:30 am	Population Health Committee . . . . .	L001
11:30 am – 1:00 pm	GME Program Directors' Committee* . . . . .	L026
11:30 am – 1:00 pm	2023 Annual Meeting Program Committee* . . . . .	L013
Noon – 1:00 pm	Asthma Committee . . . . .	L001
Noon – 1:00 pm	Practice Management Committee . . . . .	L030
1:30 – 3:00 pm	The Allergists' Foundation Board of Trustees . . . . .	L016
3:00 – 4:00 pm	Women in Allergy Committee . . . . .	L030
3:00 – 5:00 pm	<i>Annals'</i> Editorial Board Meeting . . . . .	L013
4:30 – 5:00 pm	Biologics & Pharmacology Committee . . . . .	L001
	<b>Sunday</b>	
6:45 – 7:45 am	Allied Health Committee* Dermatology Committee* Rhinitis/Sinusitis/Ocular Committee* . . . . .	L014
7:00 – 7:45 am	Food Allergy Committee* . . . . .	L014
8:00 – 9:00 am	Exhibitors Advisory Committee* . . . . .	L001
10:00 – 11:00 am	Archives Committee . . . . .	L030
10:00 – 11:00 am	International Committee . . . . .	L015
10:00 – 11:00 am	Telehealth and Technology Task Force . . . . .	L019
11:30 am – 1:00 pm	Past Presidents' Committee* . . . . .	L016
Noon – 1:00 pm	Clinical Immunology & Autoimmune Diseases Committee . . . . .	L001
3:00 – 4:00 pm	Publications Committee . . . . .	L030

\*A complimentary breakfast or lunch will be served at this meeting.

## FIT Scholarships

The College awarded scholarships to 201 Fellows-in-Training to attend the 2022 Annual Scientific Meeting.

### ACAAI Thanks Its Scholarship Sponsors

The Fellows-in-Training section of the College expresses its appreciation to the following companies that sponsored Fellows-in-Training Scholarships this year:

**Aimmune Therapeutics**

**ALK-Abelló, Inc.**

**Pharming Group NV**

**Sanofi and Regeneron**



# Named Lectures

Each year, the American College of Allergy, Asthma & Immunology presents named lectures during the Annual Scientific Meeting. The allergists selected to present named lectures embody the high standards and achievements of the physicians for whom the lectures are named. This year, the College is proud to present the following named lectures:

## Luisa Businco Lecture



Thursday, Nov. 10, Noon – 1:00 pm  
International Food Allergy Symposium

**Common Oral Immunotherapy Challenges in Your Allergy Clinic**  
**Aikaterini "Katherine" Anagnostou, MD, PhD, FAAAAI**

The Businco Lecture is named in honor of Professor Luisa Businco of Rome, Italy. Her hard work in providing excellent patient care, effective teaching and quality research led to significant advances in understanding several aspects of pediatric food allergy. Her clinical and laboratory research was focused on the development, prediction and prevention of allergy in children. Dr. Businco worked with dedication to promote the specialty of pediatric allergy, and her work continues in the careers of the many physicians taught and trained by her. This lecture is presented during the International Food Allergy Symposium.

## Edward J. O'Connell Lecture



Sunday, Nov. 13, 8:00 – 9:30 am  
Plenary – Practicing Allergy / Immunology Into the Future

**What Does the Landscape of Therapeutics Look Like in Allergy Practice?**  
**Thomas B. Casale, MD, FAAAAI**

This annual lectureship was established to honor the legacy of Dr. Edward O'Connell, a past president of the College, who was a caring, compassionate physician with a life-long passion for serving children. He was an adept educator and authored nearly 100 original articles, along with many book chapters related to allergy and immunology.

## Bela Schick Lecture



Monday, Nov. 14, 8:00 – 9:30 am  
Plenary – Implementing New Guidelines Into Practice

**Implicit Bias: It Is Not Always What You See**  
**Cherie Zachary, MD, FAAAAI**

The annual Bela Schick Lecture is named in honor of one of medicine's most respected scientists. Bela Schick was born in Hungary and attended medical school in Austria. After serving as Extraordinary Professor of Children's Diseases at the University of Vienna, he immigrated to the United States in 1923. He was a pediatrician at Mt. Sinai in New York for many years, loved by his patients and respected by his fellows. Dr. Schick is best known for his work with Clemens von Pirquet on anaphylaxis and for the test he developed to assess immunity in diphtheria.



# Livestream Program

The following sessions will be broadcast in real time to registrants who purchased the Livestream option and will participate in the meeting from their homes or offices.

See **LIVESTREAM**  designated sessions throughout the program for additional details.

## Thursday, November 10

**International Food Allergy Symposium • Separate Registration Fee**  
(Livestream attendees must be registered for the General Annual Meeting to participate in the International Food Allergy Symposium)

*Supported by an independent educational grant from DBV Technologies*


8:00 – 9:30 am	<i>International Food Allergy Symposium – Epidemiology &amp; Diagnostics</i>
10:00 – 11:30 am	<i>International Food Allergy Symposium – Prevention</i>
1:00 – 2:30 pm	<i>International Food Allergy Symposium – Treatment</i>
3:00 – 4:30 pm	<i>International Food Allergy Symposium – Hot Topics in Food Allergy</i>

## Friday, November 11


**Annual Literature Review • Separate Registration Fee**  
(Livestream attendees must be registered for the General Annual Meeting to participate in the Annual Literature Review)

8:00 am – 4:30 pm	Everything You Should Have Read Last Year, but Didn't!
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## Saturday, November 12

7:20 – 8:00 am	Opening Ceremony and 80th Anniversary Presentation 
8:00 – 9:30 am	<i>Presidential Plenary – Food Allergy – Where Are We in 2022?</i>
10:00 – 11:30 am	Drug Hypersensitivity Reactions in 2022: What Should We Know?
1:00 – 2:30 pm	The Asthma Patient: What Would You Do?
3:00 – 4:30 pm	Hot Topics and Practical Pearls in Dermatology

## Sunday, November 13

8:00 – 9:30 am	<i>Plenary Session – Practicing Allergy/Immunology Into the Future</i>
10:00 – 11:30 am	7 for 11: Hot Topics in Pediatric A&I – A Joint Presentation from AAP-SOAI & ACAAI
1:00 – 2:30 pm	Jeopardy: What's That Rash, Doctor?
3:00 – 4:30 pm	Breastfeeding and Maternal Diet in Eczema and Food Allergies
4:30 – 5:30 pm	ACAAI Annual Business Meeting 

## Monday, November 14

8:00 – 9:30 am	<i>Plenary Session – Implementing New Guidelines Into Practice</i>
9:45 – 11:00 am	Advances in Food Allergy Immunotherapy
11:15 am – 12:30 pm	Hybrid Care: The Use of Remote Patient Monitoring in Clinical Practice

# Hands-on Workshops

Separate Registration Fee • Admission by Ticket Only

Friday, November 11

8:00 – 9:30 am • Room M109-M110

Kentucky International Convention Center  
Fee: \$195 (FITs: \$50 / AHP: \$50) • Limit 32.

Hands-on Workshop

## SQ Immunoglobulin Infusion

Moderators: Lisa J. Kobrynski, MD, MPH, FAAAAI; and  
Kenneth Paris, MD, MPH

Supported by an independent educational grant from  
Takeda

Supported by an independent educational grant  
consisting of disposable supplies from  
Koru Medical Systems

Clinicians frequently prescribe gamma globulins for antibody deficiencies but are not very familiar with Subcutaneous (SC) administration of immunoglobulins. Increasing knowledge of methods of administration and solutions to common adverse effects of infusion increases the likelihood of patient satisfaction and adherence to therapy. Oversight of these infusions is important. This workshop will provide instruction on methods of SC administration of IG, including facilitated SC infusion, and discuss solutions to address common problems faced by patients infusing SC IG.

**Track:** Clinical Immunology and Autoimmune and Biologicals

8:00 am **Welcome and Introductions**  
Lisa J. Kobrynski, MD, MPH, FAAAAI; and  
Kenneth Paris, MD, MPH

8:03 am **Facilitating SQ Immunoglobulin Infusion**  
Lisa J. Kobrynski, MD, MPH, FAAAAI

8:15 am **Hands-on Training**  
Trainers:  
Nikita Raje, MD, FAAAAI  
Richard L. Wasserman, MD, PhD, FAAAAI  
Nicholas Rider, DO  
Lisa J. Kobrynski, MD, MPH, FAAAAI;  
Kenneth Paris, MD, MPH

9:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Evaluate the different modalities of immune globulin administration.
- Manage side effects of immune globulin administration.

1:00 – 2:30 pm • Room M105-M106

Kentucky International Convention Center  
Fee: \$195 (FITs: \$50 / AHP: \$50) • Limit 24.

Hands-on Workshop

## The Use of Case Simulation for the Education of Allergy Emergencies – Spotlight on Anaphylaxis

Moderator: Marcella R. Aquino, MD, FAAAAI

Participants will learn to identify and treat infantile and adult anaphylaxis. Additionally, participants will gain first-hand knowledge of the use of simulation for office drills/preparedness of systemic reactions/anaphylaxis in allergy practices. Each participant will experience one pediatric and one adult encounter.

**Track:** Rhinitis / Sinusitis/ Ocular and Anaphylaxis

1:00 pm **Welcome and Introductions**  
Marcella R. Aquino, MD, FAAAAI

1:03 pm **Introduction to Anaphylaxis Simulation**  
Marcella R. Aquino, MD, FAAAAI

1:15 pm **Hands-on Training**  
Trainers:  
Stephanie L. Mawhirt, DO, FAAAAI  
Rebecca R. Saff, MD, PhD  
Marcella R. Aquino, MD, FAAAAI  
Linda Brown, MD, MSCE

2:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Recognize anaphylaxis in infant and adult patients via the use of high-fidelity simulator.
- Manage anaphylaxis in infants and adult patients.
- Identify simulation as a modality for office preparedness of anaphylaxis.

Continues on next page

# Hands-on Workshops

Separate Registration Fee • Admission by Ticket Only

Friday, November 11 (*continued*)

3:00 – 4:30 pm • Room M105-M106

Kentucky International Convention Center

Allied Health Program, Allied Health and Advanced Practice Program registrants only. Fee \$50. • Limit 24.

Hands-on Workshop

## The Use of Case Simulation for the Education of Allergy Emergencies – Spotlight on Anaphylaxis

Moderator: Marcella R. Aquino, MD, FAAAAI

Participants will learn to identify and treat infantile and adult anaphylaxis. Additionally, participants will gain first-hand knowledge of the use of simulation for office drills/preparedness of systemic reactions/anaphylaxis in allergy practices. Each participant will experience one pediatric and one adult encounter.

**Track:** Rhinitis / Sinusitis / Ocular and Anaphylaxis

- 3:00 pm **Welcome and Introductions**  
Marcella R. Aquino, MD, FAAAAI
- 3:03 pm **Introduction to Anaphylaxis Simulation**  
Marcella R. Aquino, MD, FAAAAI
- 3:15 pm **Hands-on Training**  
*Trainers:*  
Stephanie L. Mawhirt, DO, FAAAAI  
Rebecca R. Saff, MD, PhD  
Marcella R. Aquino, MD, FAAAAI  
Linda Brown, MD, MSCE
- 4:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Recognize anaphylaxis in infant and adult patients via the use of high-fidelity simulator.
- Manage anaphylaxis in infants and adult patients.
- Identify simulation as a modality for office preparedness of anaphylaxis.

Saturday, November 12

10:00 – 11:30 am • Room M109-M110

Kentucky International Convention Center

Fee: \$195 (FITs: \$50 / AHP: \$50) • Limit 35.

**SOLD OUT**

Hands-on Workshop

## Making the Cut: Punch vs. Shave Biopsy

Moderator: David R. Weldon, MD, FAAAAI

This interactive hands-on session is designed for the allergist to learn how and when to perform punch and shave biopsies. This will include proper shave biopsy and punch biopsy technique, procedural coding, selection of appropriate patients for each type of biopsy, selection of an appropriate lesion and site for the highest diagnostic yield, a review of the materials and transport media and how to interpret the report from the dermatopathologist to help aid in the diagnosis and treatment of patients.

**Track:** Dermatology

- 10:00 am **Welcome and Introductions**  
David R. Weldon, MD, FAAAAI
- 10:03 am **Performing Punch Biopsies**  
Marcella R. Aquino, MD, FAAAAI; and  
David R. Weldon, MD, FAAAAI
- 10:15 am **Performing the Shave Biopsy Procedure from A-Z.**  
Marc Serota, MD; and Sharon E. Jacob, MD
- 10:30 am **Hands-on Training**  
*Trainers:*  
Marcella R. Aquino, MD, FAAAAI  
Marc Serota, MD  
Sharon E. Jacob, MD  
Stephanie L. Mawhirt, DO, FAAAAI  
David R. Weldon, MD, FAAAAI
- 11:20 am **Questions and Discussion**
- 11:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Use proper technique to perform shave and punch biopsies in the allergy office.
- Identify appropriate patients and biopsy sites.
- Interpret biopsy report to inform patient care.

# Hands-on Workshops

Separate Registration Fee • Admission by Ticket Only

Saturday, November 12 (continued)

1:00 – 2:30 pm • Room M109-M110

Kentucky International Convention Center

Fee: \$195 (FITs \$50 / AHP: \$50). • Limit 35.

**SOLD OUT**

Hands-on Workshop

## Patch Testing 101: Basics of Patch Testing

Moderator: Kelly M. Maples, MD, FAAAAI

Supported by Chemotechnique Diagnostics/Dormer Laboratories Inc., and SmartPractice through independent educational grants consisting of disposable supplies.

Participants in this program will be introduced into the realm of patch testing. The topics that will be covered include determining which patients to patch test, basics of applying a patch test, contraindications and precautions in patch testing and the interpretation of results. This program is best suited for an audience with limited prior knowledge of patch testing. Audience response and hands-on training will be part of this program.

**Track:** Dermatology

- 1:00 pm **Welcome and Introductions**  
Kelly M. Maples, MD, FAAAAI
- 1:03 pm **Patch Testing Presentation**  
Kelly M. Maples, MD, FAAAAI
- 1:15 pm **Hands-on Training**  
Trainers:  
Marcella R. Aquino, MD, FAAAAI  
Luz S. Fonacier, MD, FAAAAI  
Theresa A. Bingemann, MD, FAAAAI  
Kelly M. Maples, MD, FAAAAI
- 2:20 pm **Questions and Discussion**
- 2:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Identify patients who would benefit from patch testing.
- Prepare and apply a patch test to a patient with suspected allergic contact dermatitis.
- Interpret patch test results and determine relevance.

3:00 – 4:30 pm • Room M109-M110

Kentucky International Convention Center

Fee: \$195 (FITs: \$50 / AHP: \$50). • Limit 35.

Hands-on Workshop

## End Game: Calling All Patch Test Experts

Moderator: Theresa A. Bingemann, MD, FAAAAI

Supported by Chemotechnique Diagnostics/Dormer Laboratories Inc., and SmartPractice through independent educational grants consisting of disposable supplies.

Participants in this program will be introduced into the next level of patch testing. The topics that will be covered include how to patch test to occupational materials, how to patch test to metal and bone cements used in biomedical devices, and the use of expanded specialized patch test series including children and the elderly. This program is best suited for an audience that already possesses the basic skills and knowledge of patch testing. Audience response and hands-on training will be part of this program.

**Track:** Dermatology

- 3:00 pm **Welcome and Introductions**  
Theresa A. Bingemann, MD, FAAAAI
- 3:03 pm **Patch Testing Presentation**
- 3:20 pm **Hands-on Training**  
Trainers:  
Karin A. Pacheco, MD, MSPH  
Sharon E. Jacob, MD  
David I. Bernstein, MD, FAAAAI  
Theresa A. Bingemann, MD, FAAAAI
- 4:20 pm **Questions and Discussion**
- 4:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Perform specialized patch testing.
- Prepare and apply a patch test to a patient with suspected occupational, regional and metal contact dermatitis.
- Interpret patch test results in occupational, regional, and metal dermatitis.

Continues on next page

# Hands-on Workshops

Separate Registration Fee • Admission by Ticket Only

Sunday, November 13

3:00 – 4:30 pm • Room M105-M106  
Kentucky International Convention Center  
Fee: \$195 (FITs: \$50 / AHP: \$50). • Limit 30.

**SOLD OUT**

Hands-on Workshop

## Performing a Rhinologygologic Exam

Moderator: Jerald W. Koepke, MD, FAAAAI

**Supported by Optim LLC through an independent educational grant consisting of disposable supplies.**

In this session we will demonstrate the use of the fiberoptic rhinoscope in the allergist's office using a video presentation of a fiberoptic rhinologygologic exam of the upper airway. Participants will have the opportunity to become familiar with a rhinoscope and perform an exam on a manikin. Instructors will be available to answer questions throughout this informal session.

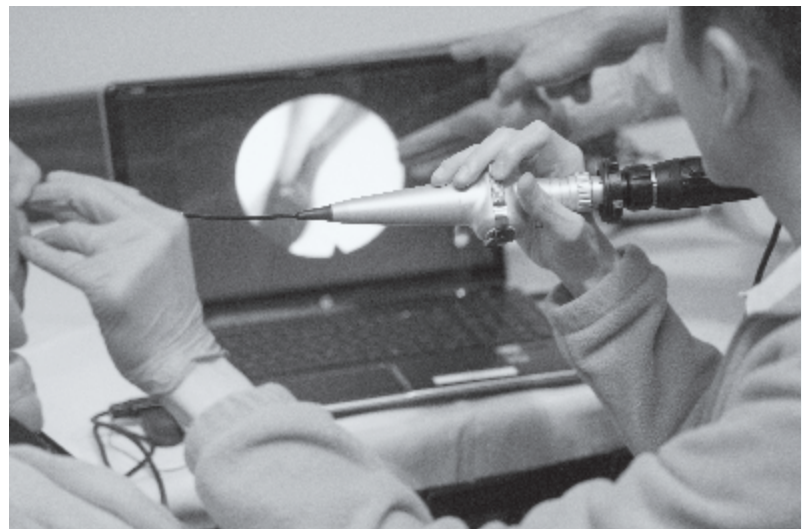
**Track:** Rhinitis / Sinusitis / Ocular and Anaphylaxis

- 3:00 pm **Welcome and Introductions**  
Jerald W. Koepke, MD, FAAAAI
- 3:03 pm **Rhinologygoscopy Presentation**  
Jerald W. Koepke, MD, FAAAAI
- 3:20 pm **Hands-on Training**  
Trainers:  
Seong H. Cho, MD, FAAAAI  
Kevin R. Murphy, MD, FAAAAI  
Jerald W. Koepke, MD, FAAAAI  
David Elkayam, MD
- 4:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Navigate the recesses of the nasal airway and larynx with the rhinologygoscope by acquiring more advanced skills using a fiberoptic endoscope.
- Identify the major structures of the nasal, pharyngeal and glottic areas as visualized during a rhinoscopic examination and describe variations from normal.



# Thursday International Food Allergy Symposium

8:00 am – 6:00 pm • Kentucky International Convention Center

Separate Registration Fee • Admission by Ticket Only

(Participants must be registered for the General Annual Meeting  
to enroll in the International Food Allergy Symposium)

Supported by an independent educational grant from DBV Technologies

8:00 – 9:30 am • Ballroom ABC  
Kentucky International Convention Center

Symposium 

## Epidemiology & Diagnostics

Moderators: Katherine Anagnostou, MD, PhD, FAAAAI;  
and Jay A. Lieberman, MD, FAAAAI

This session aims to familiarize participants with new developments in the area of food allergy severity and provide practical information on how to approach patients at risk for severe reactions. Participants will receive information on how to counsel families about reaction risk and anaphylaxis and how to address difficult conversations surrounding food allergy fatalities. The use of new and developing diagnostic tools for clinic use also will be presented.

**Track:** Food & Drug Allergy and GI Disorders

- 8:00 am **Welcome and Introductions**  
Katherine Anagnostou, MD, PhD, FAAAAI;  
and Jay A. Lieberman, MD, FAAAAI
- 8:05 am **Can We Identify the Patient at Risk of Severe Reactions to Food?**  
Antonella Muraro, MD
- 8:30 am **Anaphylaxis and Fatalities in Food Allergy: What We Need to Tell Our Patients**  
Jay A. Lieberman, MD, FAAAAI
- 8:55 am **Diagnostic Tools for Food Allergy and Biomarkers for Clinic Use**   
Alexandra Santos, MD
- 9:20 am **Questions and Discussions**
- 9:30 am **Refreshment Break**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Identify patients at risk for severe allergic reactions to food.
- Describe the incidence of food allergy fatalities and the difficulties in recognizing and managing anaphylaxis.
- Outline the use of different diagnostic tools in evaluating food allergy.

10:00 – 11:30 am • Ballroom ABC  
Kentucky International Convention Center

Symposium 

## Prevention

Moderators: Katherine Anagnostou, MD, PhD, FAAAAI;  
and Jay A. Lieberman, MD, FAAAAI

The area of food allergy prevention has seen significant developments over time, with changes in infant feeding guidelines and much information on screening infants prior to early introduction. This session will address current controversies in screening practices and provide information on populations that may benefit from early food introduction. Additionally, the role of early moisturizing in preventing sensitization and food allergy will be elucidated.

**Track:** Food & Drug Allergy and GI Disorders

- 10:00 am **Welcome and Introductions**  
Katherine Anagnostou, MD, PhD, FAAAAI;  
and Jay A. Lieberman, MD, FAAAAI
- 10:05 am **The Role of the Skin Barrier in Food Allergy Prevention**  
Helen A. Brough, MA, MSc, PhD, MBBS
- 10:30 am **To Screen or Not to Screen Before Food Introduction: That Is the Question**  
Matthew C. Greenhawt, MD, MBA, MSc, FAAAAI
- 10:55 am **Food Allergy Prevention Guidelines: Who Do We Target?**  
Gideon Lack, MD
- 11:20 am **Questions and Discussion**
- 11:30 am **Luncheon Presentation**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Recognize the role of the skin barrier and early moisturizing in the prevention of sensitization and food allergy development.
- Discuss the pros and cons of screening infants prior to early food introduction.
- Describe the application of early feeding guidelines in both high- and low-risk populations and identify the best candidates for early introduction.

# Thursday International Food Allergy Symposium

8:00 am – 6:00 pm • Kentucky International Convention Center  
Separate Registration Fee • Admission by Ticket Only

(Participants must be registered for the General Annual Meeting  
to enroll in the International Food Allergy Symposium)

Supported by an independent educational grant from DBV Technologies

11:30 am – 1:00 pm • Ballroom DE  
Kentucky International Convention Center

Luncheon Presentation **ARS**

## Common Oral Immunotherapy Challenges in Your Allergy Clinic

Moderator: Jay A. Lieberman, MD, FAAAAI

This session will be a lively presentation, addressing common problems that arise during oral immunotherapy, including patient selection, adverse events and management, and difficult conversations with families involved in shared decision-making. The session aims to be highly interactive with active audience participation.

**Track:** Food & Drug Allergy and GI Disorders

11:30 am **Lunch**

Noon **Welcome and Introductions**  
Jay A. Lieberman, MD, FAAAAI

12:03 pm **Luisa Businco Lecture**



**Common Oral Immunotherapy Challenges in Your Allergy Clinic**  
Aikaterini "Katherine" Anagnostou, MD, PhD, FAAAAI

12:55 pm **Questions and Discussion**

1:00 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Employ best practices when identifying patients for OIT and effectively employ shared decision-making to deliver best patient care results.

1:00 – 2:30 pm • Ballroom ABC  
Kentucky International Convention Center

Symposium **LIVESTREAM**

## Treatment

Moderators: Katherine Anagnostou, MD, PhD, FAAAAI;  
and Jay A. Lieberman, MD, FAAAAI

This session will describe current and future treatment options for food allergy, including oral immunotherapy and epicutaneous immunotherapy, with a focus on risks/benefits for patients and recent advances. The session will include a review of patient cases with the aim to identify the best candidate for each approach. The process of shared decision-making also will be outlined in this context.

**Track:** Food & Drug Allergy and GI Disorders

1:00 pm **Welcome and Introductions**  
Katherine Anagnostou, MD, PhD, FAAAAI;  
and Jay A. Lieberman, MD, FAAAAI

1:05 pm **Latest Advances in OIT**  
Brian P. Vickery, MD

1:30 pm **Other Forms of Immunotherapy**  
David M. Fleischer, MD, FAAAAI

1:55 pm **Shared Decision-Making in Food Allergy Management**  
Douglas Mack, MD, MSc

2:20 pm **Questions and Discussion**

2:30 pm **Refreshment Break**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Discuss benefits and risks of OIT in clinical practice and recent advances in this area.
- Describe benefits and risks of EPIT and recent advances in this area.
- Identify the best option for therapy and discuss the value of shared decision-making when counseling patients on management options.



# Thursday International Food Allergy Symposium

8:00 am – 6:00 pm • Kentucky International Convention Center

Separate Registration Fee • Admission by Ticket Only

(Participants must be registered for the General Annual Meeting to enroll in the International Food Allergy Symposium)

Supported by an independent educational grant from DBV Technologies

3:00 – 4:30 pm • Ballroom ABC  
Kentucky International Convention Center

Symposium 

## Hot Topics in Food Allergy

Moderators: Katherine Anagnostou, MD, PhD, FAAAAI; and Jay A. Lieberman, MD, FAAAAI

This session will discuss current hot topics in food allergy. Misinformation is a regular occurrence among patients and families, and the session will present common misconceptions in the food allergy clinic and how to address them. It will detail the role of the microbiome in food allergy, with a practical guide on the use of probiotics. The role of biologics also will be discussed, and current ongoing research will be described.

**Track:** Food & Drug Allergy and GI Disorders

- 3:00 pm **Welcome and Introductions**  
Katherine Anagnostou, MD, PhD, FAAAAI; and Jay A. Lieberman, MD, FAAAAI
- 3:05 pm **Addressing Misconceptions in the Food Allergy Clinic**  
David R. Stukus, MD, FAAAAI
- 3:30 pm **The Role of the Microbiome in Food Allergy: Is it Time for Probiotics?**  
Rima A. Rachid, MD
- 3:55 pm **Biologics in Food Allergy: What You Need to Know**  
Robert A. Wood, MD
- 4:20 pm **Questions and Discussion**
- 4:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Address misinformation regarding food allergy originating from different online sources and guide clinicians on how to assist their patients in identifying reliable information on the web and beyond.
- Discuss the role of the microbiome in food allergy and address common questions regarding the use of probiotics, prebiotics and symbiotics in food allergy management.
- Describe the biologics currently being investigated for food allergy therapy, risks and benefits and how they may be used in the near future in the allergy clinic.

4:30 – 6:00 pm • Ballroom DE  
Kentucky International Convention Center

## ProCon Debate With Refreshments



Moderators: Katherine Anagnostou, MD, PhD, FAAAAI; and Jay A. Lieberman, MD, FAAAAI

This highly interactive and popular session will discuss current controversies in the field of food allergy, with internationally recognized experts debating benefits and risks of each approach.

- 4:30 pm **Welcome and Introductions**  
Katherine Anagnostou, MD, PhD, FAAAAI; and Jay A. Lieberman, MD, FAAAAI
- 4:35 pm **Early Use of Moisturizer in Infants Prevents Food Allergy**  
Helen A. Brough, MA, MSc, PhD, MBBS; and Christina E. Ciaccio, MD, MSc, FAAAAI
- 5:00 pm **The Combination of OIT and Biologics Is Superior to OIT Alone**  
Robert A. Wood, MD; and David M. Fleischer, MD, FAAAAI
- 5:25 pm **Peanut Allergy Prevention: Large Amounts Early Are Better Than Small Amounts Late**  
Gideon Lack, MD; and Matthew C. Greenhawt, MD, MBA, MSc, FAAAAI
- 6:00 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Discuss the early use of moisturizers in infancy with the goal of preventing food allergy development.
- Identify benefits and risks of using biologics in combination with food immunotherapy versus food immunotherapy alone.
- Consider key arguments regarding the use of food allergy prevention guidelines in populations of different risk.

6:30 – 8:30 pm

**Non-CME Corporate Forums**

(See page 80 for details)



# Friday Annual Literature Review

8:00 am – 4:30 pm • Ballroom ABC • Kentucky International Convention Center  
Separate Registration Fee • Admission by Ticket Only

(Participants must be registered for the General Annual Meeting  
to enroll in the Annual Literature Review)

LIVESTREAM 

## Everything You Should Have Read Last Year, but Didn't!

To help you stay abreast of the latest clinical developments in allergy and immunology, the College will continue its highly successful literature review program. It's a review of the most important, clinically focused literature of our specialty published between November 2021 and October 2022, with emphasis on clinical relevance. Faculty includes allergy/immunology training program directors and specialists in practice.

Moderator: James T. Li, MD, PhD, FAAAAI

Moderator: David A. Khan, MD, FAAAAI

8:00 am	<b>Welcome and Introductions</b> James T. Li, MD, PhD, FAAAAI	1:00 pm	<b>Welcome and Introductions</b> David A. Khan, MD, FAAAAI
8:03 am	<b>Basic Immunology</b> Mitchell H. Grayson, MD, FAAAAI	1:03 pm	<b>Anaphylaxis and Stinging Insect Hypersensitivity</b> Anne K. Ellis, MD, MSc, FAAAAI
8:30 am	<b>Rhinitis and Sinusitis</b> Anju T. Peters, MD	1:30 pm	<b>Immunotherapy</b> Harold S. Nelson, MD, FAAAAI
9:00 am	<b>Update in Clinical Immunology</b> Jennifer Heimall, MD, FAAAAI	2:00 pm	<b>Food Allergy</b> Matthew C. Greenhawt, MD, MSc, MBA, FAAAAI
9:30 am	<b>Refreshment Break</b>	2:30 pm	<b>Refreshment Break</b>
10:00 am	<b>Asthma and Lower Respiratory Diseases</b> James T. Li, MD, PhD, FAAAAI	3:00 pm	<b>Occupational and Environmental Allergy</b> Mark S. Dykewicz, MD, FAAAAI
10:30 am	<b>Update on Skin Diseases, Urticaria, Angioedema and Other Skin Disorders</b> Marc A. Riedl, MD, MS	3:30 pm	<b>Drug Allergy</b> Aleena Banerji, MD
11:00 am	<b>Update in Pediatric Allergy</b> John M. Kelso, MD, FAAAAI	4:00 pm	<b>The Year's Best Articles</b> David A. Khan, MD, FAAAAI
11:30 am	<b>Lunch Break (on own)</b>	4:30 pm	<b>Adjourn</b>

### Learning Objectives

Upon completion of this session, participants should be able to:

- Discuss recent advances in basic science that are relevant to allergy and immunology.
- Describe recent developments in rhinitis and sinusitis.
- Recognize the clinical presentation of activated phosphoinositide 3-kinase delta syndrome and distinguish it from common variable immunodeficiency.
- Better diagnose and manage asthma and COPD. Discuss important scientific and clinical advances in the pathophysiology and treatment of urticaria, angioedema and other skin disorders.
- Summarize the role of the microbiome in human atopic diseases. Identify new concepts in anaphylaxis, drug allergy and stinging insect hypersensitivity, as well as utilize clinically relevant findings in these areas.
- Identify new concepts in anaphylaxis and stinging insect.
- Identify the Immunotherapy to best use in patient treatment.
- Discuss recent developments in food allergy.

# Friday General Sessions



6:45 – 7:30 am • Marriott Ballroom Salons VII-VIII  
Louisville Marriott Downtown Hotel  
**Good Morning, Good Day!**

Join us at the Marriott for 45 minutes of health and wellness activities designed to prepare you for the day.

6:30 – 7:45 am • Ballroom DE  
Kentucky International Convention Center  
Breakfast Symposium

## ACA: Should It Be SCIT or SLIT: An Adventure Into the World of the AIT 2022 Allergy Proceedings Primer

Moderator: Sandra M. Gawchik, DO, FAAAAI

**Supported by an independent educational grant from  
ALK-Abelló, Inc.**

Current research on the safety and efficacy of subcutaneous and sublingual immunotherapies will be explored.

**Track:** Immunotherapy and Diagnostics

- 6:30 am **Welcome and Introductions**  
Sandra M. Gawchik, DO, FAAAAI
- 6:33 am **Mechanisms of SCIT and SLIT**  
Mohamed H. Shamji, PhD
- 6:48 am **Efficacy of SCIT**  
Peter Creticos, MD, EM
- 7:03 am **Efficacy of SLIT**  
Lawrence M. DuBuske, MD, FAAAAI
- 7:18 am **Safety of SCIT**  
David I. Bernstein, MD, FAAAAI
- 7:33 am **Questions and Discussion**
- 7:45 am **Adjourn**



### Learning Objectives

Upon completion of this session, participants should be able to:

- Prescribe various forms of AIT to achieve clinical outcomes.
- Monitor patients on AIT and be able to clearly recognize potential side effects.
- Discuss risks and benefits of SLIT and SCIT.

8:00 – 9:30 am • Room M108-M111  
Kentucky International Convention Center

Symposium

## Atopic Dermatitis: Triggers, Mimics and Treatments

Moderators: Theresa A. Bingemann, MD, FAAAAI; and  
Julia Cronin, MD, FAAAAI

**Supported in part by an independent educational  
grant from Incyte Corporation**

This interactive session will first identify triggers for atopic dermatitis beyond food, highlight how to approach food testing, if needed, and how to proceed if testing positive. Differential diagnosis of atopic dermatitis will be reviewed and counseling on the use of treatments along with the appropriate management of potential side effects will be presented.

**Track:** Dermatology

- 8:00 am **Welcome and Introductions**  
Theresa A. Bingemann, MD, FAAAAI; and  
Julia Cronin, MD, FAAAAI
- 8:03 am **Triggers for Atopic Dermatitis**  
Kelly M. Maples, MD, FAAAAI
- 8:28 am **Mimics of Atopic Dermatitis**  
Marc Serota, MD
- 8:53 am **How to Use and Manage the New  
Treatments in Atopic Dermatitis**  
Mark Boguniewicz, MD, FAAAAI
- 9:18 am **Questions and Discussion**
- 9:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Identify and discuss triggers for atopic dermatitis.
- Recognize mimics of atopic dermatitis.
- Analyze available treatment options.

Happy Veteran's Day • Nov. 11

We are grateful for your service to our country.



*Thank You*  
**VETERANS**

HONORING ALL WHO SERVED  
AND THOSE WHO ARE SERVING



# Friday General Sessions

8:00 – 9:30 am • Room M104-M107  
Kentucky International Convention Center

## Symposium

### Integrative Modalities in Allergy & Immunology Practice

Moderator: *Dipa K. Sheth, MD, FAAAAI*

Knowledge and acceptance of holistic and integrative medicine among our patient population is high. More than 40% of Americans use some form of holistic therapy, and this has become a \$40 billion industry. Our patients are seeking integrative modalities and using them. To better serve them as their doctors, we must educate ourselves about the methods, products and practices that our patients may be using.

**Track:** Environmental and Integrative Medicine

- 8:00 am **Welcome and Introductions**  
Dipa K. Sheth, MD, FAAAAI
- 8:03 am **Yoga Therapies**  
Atoosa Kourosh, MD, MPH, RYT
- 8:23 am **Acupuncture & Electrical Stimulation Therapies**  
Anil Nanda, MD, FAAAAI
- 8:43 am **Microbiome Analysis and Treatment**  
Maureen George, PhD, RN, AE-C, FAAN
- 9:03 am **Herbal Remedies**  
Payel Gupta, MD, FAAAAI
- 9:23 am **Questions and Discussion**
- 9:30 am **Adjourn**

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Express how evidence-based integrative modalities can be used in a safe, cost-effective manner in Allergy Practice.
- Describe at least two integrative modalities that can be employed in allergy practice and how their use could be tailored to a patient within an outpatient practice setting.
- Develop tools to find the evidence for each of these modalities and distinguish between validated practices and those lacking adequate evidence.

9:30 – 10:00 am

#### Refreshment Break

Ballroom Pre-Function and M100-M112 Pre-Function  
Kentucky International Convention Center

10:00 – 11:30 am • Room M108-M111  
Kentucky International Convention Center

## Interdisciplinary Panel

### Lessons Learned on Primary Prevention of Food Allergy

Moderators: *Bruce J. Lanser, MD, MPH, FAAAAI; and Jonathan S. Tam, MD, FAAAAI*

This session will draw on ongoing research in food allergy prevention from the USA and internationally. Adherence to early food introduction guidelines will be discussed and the role of early moisturizing in infants with the aim of preventing food allergy development will be debated.

**Track:** Food & Drug Allergy and GI Disorders

- 10:00 am **Welcome and Introductions**  
Bruce J. Lanser, MD, MPH, FAAAAI; and Jonathan S. Tam, MD, FAAAAI
- 10:03 am **Understanding Adherence to Peanut Allergy Prevention Guidelines (iREACH Study)**  
Ruchi Gupta, MD, MPH
- 10:28 am **Food Allergy and Early Moisturizing: Lessons from International Studies**  
Helen A. Brough, MA, MSc, PhD, MBBS
- 10:53 am **Early Food Introduction – LEAP, EAT, and Beyond**  
Gideon Lack, MD
- 11:18 am **Questions and Discussion**
- 11:30 am **Adjourn**

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Assess the effectiveness of methods to facilitate timely introduction of allergenic foods during infancy and early childhood and summarize factors that impact caregiver and clinician's adherence of dietary guidelines.
- Recognize the role of early moisturizing in the prevention of sensitization and food allergy.
- Describe the application of early feeding guidelines in both high-risk and low-risk populations and identify the best candidates for early introduction.

# Friday General Sessions

10:00 – 11:30 am • Room M104-M107  
Kentucky International Convention Center

## Symposium

### Real World Alternatives to Traditional SCIT

Moderators: Joseph P. Forester, DO, FAAAAI; and Ranjeet Minocha, MD

Immunotherapy is a common practice in allergy practices. This session will focus on therapies other than SCIT.

**Track:** Immunotherapy and Diagnostics

- 10:00 am **Welcome and Introductions**  
Joseph P. Forester, DO, FAAAAI; and Ranjeet Minocha, MD
- 10:03 am **Intralymphatic Immunotherapy – Concepts and Implementation**  
Amber M. Patterson, MD, FAAAAI
- 10:28 am **SLIT**  
Anne K. Ellis, MD, MSc, FAAAAI
- 10:53 am **Cluster, Rush, and Ultrarush Protocols**  
J. Wesley Sublett, MD, MPH, FAAAAI
- 11:18 am **Questions and Discussion**
- 11:30 am **Adjourn**

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Examine the clinical evidence for this novel route of allergen application.
- Discuss the advantages SLIT could offer to the allergy practice and patients.
- Identify the safest and best use of expedited treatments.

11:30 am – 1:00 pm  
**Lunch Break (on own)**

1:00 – 2:30 pm • Room M108-M111  
Kentucky International Convention Center

## Clinical Conundrum

### Looking for Zebras in Diagnosing PIDD ARS

Moderators: Syed Shahzad Mustafa, MD, FAAAAI; and Meagan W. Shepherd, MD, FAAAAI

Patients with immunodeficiency typically present with recurrent infections, but experience other complications as well, including autoimmunity and an increased risk of malignancy. This session will discuss how allergist/immunologists can work with other specialties to improve awareness and recognition of immunodeficiency. This is of particular interest for allergist/immunologists working in multispecialty settings.

**Track:** Clinical Immunology and Autoimmune and Biologics

- 1:00 pm **Welcome and Introductions**  
Syed Shahzad Mustafa, MD, FAAAAI; and Meagan W. Shepherd, MD, FAAAAI
- 1:03 pm **Working With Other Medical Specialties to Diagnose Immune Deficiency**  
Antoine Azar, MD
- 1:30 pm **Working With Surgical Specialties to Diagnose Immune Deficiency**  
Jennifer R. Heimall, MD
- 1:55 pm **How Can the NIH Help You With Your Immune Deficiency Patients**  
Thomas R. Fleisher, MD, FAAAAI
- 2:20 pm **Questions and Discussion**
- 2:30 pm **Adjourn**

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Prepare a presentation of PIDD in other medical specialties, and how to facilitate a multidisciplinary approach to management.
- Prepare a presentation of PIDD in surgical specialties, and how to facilitate a multidisciplinary approach to management.
- Describe how the NIH can complement your management of patients with PIDD.

# Friday General Sessions

1:00 – 2:30 pm • Room M104-M107  
Kentucky International Convention Center

Interdisciplinary Symposium

## Be Aware of the Copycat – Asthma Mimickers

Moderators: *Bradley E. Chipps, MD, FAAAAI; and  
Andrea A. Pappalardo, MD, FAAAAI*

Asthma is an obstructive lung disease; however, there are many other conditions that can present in a similar fashion to asthma. Allergists deal with them on a daily basis in their practices. This session will review many of those mimickers and provide practical tools to work up and manage them.

**Track:** Asthma and Respiratory / Sleep Disorders

- 1:00 pm **Welcome and Introductions**  
Bradley E. Chipps, MD, FAAAAI; and  
Andrea Pappalardo, MD, FAAAAI
- 1:03 pm **Obstructive Lung Diseases Including  
COPD, Alpha-1 Antitrypsin Deficiency and  
Bronchiectasis**  
Stephen P. Peters, MD, PhD
- 1:23 pm **Exertional Dyspnea Causes Including  
Cardiovascular and Nonobstructive  
Pulmonary Conditions (ILD, Dysfunctional  
Breathing)**  
Reynold A. Panettieri, Jr., MD
- 1:43 pm **Upper Airway Conditions Including Sino-  
nasal and Laryngeal**  
Andrej A. Petrov, MD, FAAAAI
- 2:03 pm **Sleep Disordered Breathing**  
Brian D. Robertson, MD, FAAAAI
- 2:23 pm **Questions and Discussion**
- 2:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Identify and triage pulmonary conditions that can present similarly to asthma (obstructive lung disease).
- Identify and triage cardiovascular or pulmonary conditions that can cause exertional dyspnea.
- Identify and triage upper airway conditions that can present similarly to asthma.
- Review the pathophysiology of obstructive sleep apnea, potential medical ramifications if untreated, and its relationship with asthma and chronic lung disease.

2:00 – 6:00 pm

**Exhibit Hall Open**

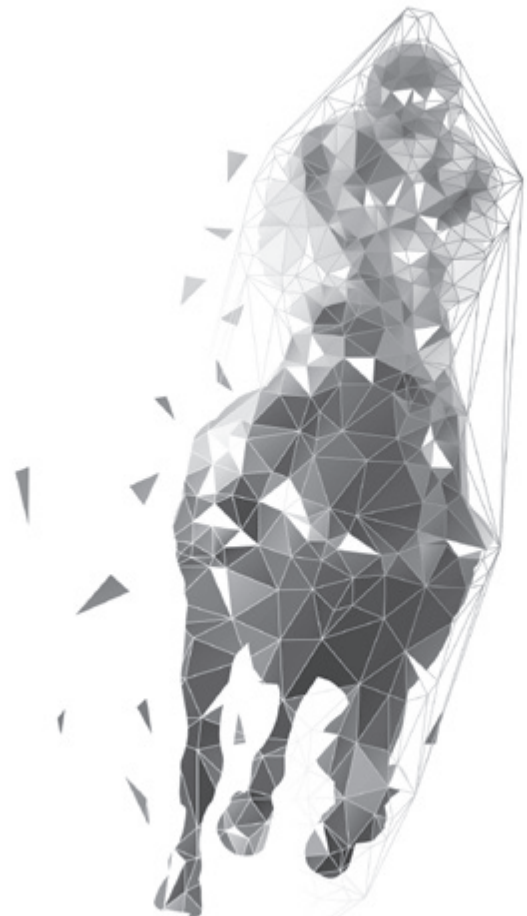
Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center

**Visit the College Resource Center in Booth #901**

2:30 – 3:00 pm

**Refreshment Break in Exhibit Hall**

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center



# Friday General Sessions

3:00 – 4:30 pm • Room M108-M111  
Kentucky International Convention Center

Clinical Conundrum **ARS**

## Evaluation and Management of Non-IgE Food Allergy

Moderators: Christina E. Ciaccio, MD; and  
Peter Capucilli, MD

This session will address key questions in non-IgE food allergy and initiate interesting discussions into the use of different approaches when managing patients with EoE. The session will discuss practical issues arising in clinical practice when managing a patient with multi-food FPIES and provide information on how to approach challenging cases of non-IgE food allergy.

**Track:** Food & Drug Allergy and GI Disorders

- 3:00 pm **Welcome and Introductions**  
Christina E. Ciaccio, MD; and  
Peter Capucilli, MD
- 3:03 pm **Clemens von Pirquet Award – 2nd Place  
Unrecognized Parasitic Infection as a Cause  
of Persistent Eosinophilia in an Inner-City  
Allergy Clinic Population**  
Prudhvi Regula, MD
- 3:13 pm **A Challenging Case of Non-IgE Food  
Allergy**  
Antonella Cianferoni, MD, PhD, FAAAAI
- 3:33 pm **Management of EoE and Beyond: A Focus  
on Eosinophilic Disorders**  
Mirna Chehade, MD
- 3:53 pm **Current Approach to the Multi-food FPIES  
Patient: What and When to Challenge**  
Anna H. Nowak-Wegrzyn, MD, FAAAAI
- 4:18 pm **Questions and Discussion**
- 4:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Discuss challenging cases of non-IgE food allergy and how to manage them in the allergy clinic.
- Provide a brief overview on the management of eosinophilic disorders, including treatment options for EoE.
- Address the needs of a multi-food FPIES patient, with a focus on when to perform a food challenge and to which foods.

3:00 – 4:30 pm • Room L017-L018  
Kentucky International Convention Center

Ask the Experts

## An Improved Practice

Moderator: Sandra M. Gawchik, DO, FAAAAI

**Seats available on a first come, first served basis.  
Limit 54.**

Whether you are just getting started or a seasoned veteran, this exciting interactive learning opportunity has something for you. Choose three of the six topics and spend 25 minutes with each expert addressing a phase of allergy practice. The expert will give a five-minute overview of the topic and will then answer questions and facilitate discussion with the table participants for 20 minutes.

**Track:** Practice Management / Professional Issues

- 3:00 pm **Welcome and Introductions**  
Sandra M. Gawchik, DO, FAAAAI

**Table Rotations:** 3:05 pm, 3:30 pm, 3:55 pm

- Table 1 Contract and Salary Negotiation**  
J. Wesley Sublett, MD, MPH, FAAAAI
- Table 2 Starting Your Own Practice**  
Priya J. Bansal, MD, FAAAAI
- Table 3 Work/Life Balance, How to Manage as a  
Female Physician**  
Kristin C. Sokol, MD, FAAAAI
- Table 4 Avoiding Burnout**  
Gailen D. Marshall, Jr., MD, PhD, FAAAAI
- Table 5 How Can Cash Flow/Revenue Cycle  
Management Help Your Bottom Line?**  
Joshua S. Jacobs, MD
- Table 6 Practice Transitions: Start, Join, Merge,  
Buyout, Retire**  
James L. Sublett, MD, FAAAAI

### Learning Objectives

Upon completion of this session, participants should be able to:

- Develop skills in contract negotiation and salary negotiation.
- Address work/life balance and burnout.

3:00 – 6:00 pm

**ePosters – Meet the Authors:  
Session 1**

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center  
(See page 14 for details)

**Supported by Sanofi and Regeneron**

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Friday

# Friday General Sessions

4:30 – 5:45 pm • Room M100-M103

Kentucky International Convention Center

House of Delegates Town Hall Meeting

## Value-based Care – The Cost Effectiveness of Allergy Treatment

This Town Hall Meeting is presented by the House of Delegates and will include a beer, wine and cheese reception. All members are invited to attend.

NOT FOR CREDIT

- 4:30 pm **Welcome, Introductions and Business Meeting**  
M. Razi Rafeeq, MD, FAAAAI
- 4:45 pm **An Alternative Payment Model (APM) for Patient-Centered Asthma Care**  
James Tracy, DO, FAAAAI
- 5:00 pm **Cost Effectiveness of Venom and Allergen Immunotherapy**  
Gary N. Gross, MD, FAAAAI
- 5:15 pm **How Legislation Affects You and Your Allergy Practice**  
Matt Reiter
- 5:30 pm **Questions and Answers**
- 5:45 pm **Adjourn**

4:45 – 6:00 pm

### Advanced Practice, Allied Health and Office Administrators Networking Reception

Commonwealth Ballroom Salon 3 (Level 2)  
Omni Louisville Hotel

*Supported by Aimmune Therapeutics*

6:00 – 7:30 pm

### President's Welcome Reception

Churchill Downs

All attendees are invited to the ACAAI President's Welcome Reception. Join us at Churchill Downs and be prepared for a celebration in true Louisville fashion!

Buses will begin departing at 5:40 pm from the Omni Louisville, Louisville Marriott Downtown, Hyatt Regency and Seelbach Hilton hotels.

*Supported by Aimmune Therapeutics*

8:00 – 10:00 pm

### Non-CME Corporate Forums

(See pages 80-81 for details)

NOT FOR CREDIT

4:30 – 6:00 pm • Room M104-M107

Kentucky International Convention Center

FIT Integrated Educational Program and Business Meeting

ARS

NOT FOR CREDIT

## Innovation Out of the Gate – “There’s a Way to Do It Better – Find It.” (Thomas Edison)

Moderators: Chris Foster, MD; and Brent T. Griffin, MD, MPH

Fellows-in-training have the benefit of dedicated training time aimed at rapidly harnessing new knowledge under the guidance of experienced faculty, but what happens after graduation? The practice of medicine is a continuous process of learning and integration of innovative discoveries. As new allergists, the pace may change yet opportunities remain to stay on the cutting edge. This session will highlight current diagnostic innovation in the rapidly changing arena of genetic testing to empower the new allergist to approach evaluations with confidence. The FIT session will introduce rhinology, a clinical assessment to enhance in-office patient care as a modality not formally addressed across all allergy/immunology programs. This program also will offer insights into drug-trial partnerships that provide a front row seat to the advancement of medicine.

Track: FIT Program

- 4:30 pm **Welcome and Introductions**  
Chris Foster, MD; and Brent T. Griffin, MD, MPH
- 4:35 pm **Junior FIT Representative Candidate Speeches and Voting**
- 5:00 pm **Selecting and Interpreting Genetic Tests as an Allergist/Immunologist**  
Heather K. Lehman, MD
- 5:20 pm **Incorporating Drug Trials and Other Clinical Research Into Private/Group Practice**  
John T. Anderson, MD
- 5:40 pm **Rhinology: Another Tool in the Allergist Toolbox**  
Jerald W. Koepke, MD, FAAAAI
- 5:55 pm **Announcement of 2022-2023 Junior FIT Representative and Closing Remarks**
- 6:00 pm **Adjourn**



# Friday Practice Management Program

**Friday, November 11**

**8:00 am – 4:30 pm • Room M112 • Kentucky International Convention Center**

**Open to all General Meeting Registrants.**

**Separate Registration Fee required for non-General Annual Meeting registrants only.**

*Moderator: Thomas J. Derrico*

**8:00 – 9:30 am**

## 2022 Allergy Coding Update

Accurate coding is essential to effectively managing your revenue cycle. This session will focus on current and future coding changes affecting the specialty and provide tips to code effectively.

- 8:00 am **Welcome and introductions**  
Thomas J. Derrico
- 8:10 am **Coding Update**  
Gary N. Gross, MD, FACAAI
- 8:50 am **Coding Q&A**
- 9:15 am **Overview of ACAAI Resources**  
Jennifer Pfeifer, MBA, CMPE
- 9:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Demonstrate an understanding of coding changes that affect the specialty of allergy.
- Explain how to access College practice management resources.

9:30 – 10:00 am

### Refreshment Break

Ballroom Pre-Function and M100-M112 Pre-Function  
Kentucky International Convention Center



**10:00 – 11:30 am**

## Tips to Survive and Thrive in Solo / Small Group Practice / Marketing Tactics in the Post-COVID Era

This session will:

- Present tips on operating a successful solo or small practice to help you survive and thrive in an environment of increased competition and consolidation.
- Provide marketing tips to help you evaluate your marketing approach and promote practice growth and development.

- 10:00 am **Welcome and Introductions**  
Thomas J. Derrico
- 10:03 am **Tips to Survive and Thrive in Solo/Small Group Practice**  
Heather N. Hartman, MD
- 10:20 am **Employee-Tested Techniques to Prosper as a Solo or Small Group Practitioner**  
Priya Bansal, MD, FACAAI
- 10:45 am **Marketing Tactics in the Post-COVID Era**  
Katie Crosby
- 11:10 am **Questions and Discussion**
- 11:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Employ tested techniques to prosper as a solo or small group practitioner.

11:30 am – 1:00 pm  
**Lunch Break (on own)**

*Continues on next page*

# Friday Practice Management Program

1:00 – 2:30 pm • Room M112  
Kentucky International Convention Center

## Determining the Cost of Care Using Relative Value Unit Modeling / Assessing Your Practice for Operational and Clinical Effectiveness

This session will:

- Demonstrate how to calculate the cost of providing patient care using Relative Value Units (RVUs) and data from your practice management and internal accounting systems.
- Explain why administrative and clinical workflows should be assessed periodically for efficiency and effectiveness and present a process for doing so. This framework will offer insight into improving performance.

1:00 pm	<b>Welcome and Introductions</b> Thomas J. Derrico
1:03 pm	<b>Using RVUs to Determine the Cost of Patient Care</b> Todd McGee
1:45 pm	<b>Assessing Your Practice for Operational and Clinical Effectiveness</b> Thomas J. Derrico
2:20 pm	<b>Questions and Discussion</b>
2:30 pm	<b>Adjourn</b>

### Learning Objectives

Upon completion of this session, participants should be able to:

- Calculate the cost of providing allergy services: visits, diagnostic testing, and immunotherapy.
- Assess administrative and clinical aspects of your practice, identify strengths and weaknesses, and improve performance.

2:30 – 3:00 pm  
**Refreshment Break / Visit Exhibits**  
Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center

3:00 – 4:30 pm • Room M112  
Kentucky International Convention Center

## Developing and Implementing an Effective Performance Review Program / Ask the PM Experts – A “Curbside Consult” for Your Vexing Practice Management Issues

This session will:

- Explain the importance of an effective performance evaluation and management program for managing staff. This program will identify the key elements of such a program and provide guidance on implementation.
- Provide an informal opportunity for participants to pose questions to a panel of experienced allergy administrators and gain insight into recommended solutions to management challenges.

3:00 pm	<b>Welcome and Introductions</b> Thomas J. Derrico
3:03 pm	<b>Developing and Implementing an Effective Performance Review Program</b> Tatiana Sycheva-Johnson, SPHR
4:00 pm	<b>Ask the PM Experts</b> Thomas J. Derrico Todd McGee Tatiana Sycheva-Johnson, SPHR
4:20 pm	<b>Questions and Discussion</b>
4:30 pm	<b>Adjourn</b>

### Learning Objectives

Upon completion of this session, participants should be able to:

- Recognize key components to an effective performance review program.
- Manage staff effectively using a well-developed process.
- Find solutions to unsolved or most challenging management issues.

4:45 – 6:00 pm  
**Advanced Practice, Allied Health and  
Office Administrators Networking Reception**  
Commonwealth Ballroom Salon 3 (Level 2)  
Omni Louisville Hotel  
*Supported by Aimmune Therapeutics*

# Friday Advanced Practice Health Care Providers Course

Separate Registration • Admission by Ticket Only

You must be registered for the General Annual Meeting to participate in the Advanced Practice Health Care Providers Course.

Friday, November 11

8:00 am – 4:30 pm • Room L019 • Kentucky International Convention Center

8:00 – 9:30 am

## Biologics: Old Favorites With New Indications and Newly Approved

Moderator: Michelle Dickens, RN, FNP-C, AE-C

This session will present an overview of biologics now available for asthma, CSU, EoE, atopic dermatitis, chronic rhinosinusitis, and nasal polyps. New therapies and new indications on the horizon also will be explored.

- 8:00 am **Welcome and Introductions**  
Michelle Dickens, RN, FNP-C, AE-C
- 8:03 am **Asthma and Nasal Polyps (Versus EoE)**  
Ashlee Law, PA-C
- 8:40 am **CSU and Atopic Dermatitis**  
Abby L. Allen, RN, NP
- 9:20 am **Questions and Discussion**
- 9:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Review various biologic therapies available for the treatment of atopic dermatitis, CSU, asthma, and EoE, including patient selection and dosing.

9:30 – 10:00 am  
Refreshment Break

10:00 – 11:30 am

## Eosinophilic Esophagitis

Moderator: Raquel Z. Durban, MS, RD, CSP, LDN

Eosinophilic esophagitis is an atopic condition of the esophagus which has been increasingly recognized in patients over the past 5-20 years. The increased recognition of the disease has led to a better understanding of the pathogenesis and expanded recommendations for management. This session will review the presentation of this condition, diagnostic criteria as well as current and future treatment recommendations.

- 10:00 am **Welcome and Introductions**  
Raquel Z. Durban, MS, RD, CSP, LDN
- 10:03 am **Presentation and Pathogenesis of EoE**  
Jonathan A. Bernstein, MD, FAAAAI
- 10:40 am **Diagnostic Criteria and Management Options (Current and Future)**  
Terri F. Brown-Whitehorn, MD
- 11:20 am **Questions and Discussion**
- 11:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Review the diagnostic criteria for EoE.
- Discuss current and future therapies for the management of EoE.

11:30 am – 1:00 pm  
Lunch Break (on own)



# Friday Advanced Practice Health Care Providers Course

1:00 – 2:30 pm • Room L019  
Kentucky International Convention Center

## Food Allergy Diagnostics: What's Hot and What's Not

Moderator: Abby L. Allen, RN, NP

The diagnosis of food allergies is largely based on patient history, and testing is used to help to confirm. However, not all testing is helpful and sometimes can lead to misdiagnosis by using unproven testing methods. This session will discuss both proven and unproven tests for food allergies as well as look to the future of where new testing methodologies are being developed.

- 1:00 pm **Welcome and Introductions**  
Abby L. Allen, RN, NP
- 1:03 pm **Component Testing**  
Jodi A. Shroba, APRN, MSN, APRN, CPNP
- 1:30 pm **BAT and Epitope Testing**  
Brooke I. Polk, MD, FACAAI
- 1:55 pm **Unproven Testing and Proactive Communication Techniques**  
Amanda L. Michaud, PA-C
- 2:20 pm **Questions and Discussion**
- 2:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Review the future of food allergy testing, including BAT and epitope testing.
- Explain how component testing can be useful in the evaluation of food allergies.
- Discuss the evidence of why some testing is unproven and not useful for diagnosing food allergies.

2:30 – 3:00 pm  
**Refreshment Break / Visit Exhibits**  
Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center

3:00 – 4:30 pm • Room L019  
Kentucky International Convention Center

## Antibiotic and Systemic Steroid Stewardship: First Do No Harm

Moderator: Amanda L. Michaud, PA-C

As we learn more about the long-term effects of repeated antibiotic and oral steroid use, it is important that prescribers in the allergy clinic know when, and when not, to reach for these therapies. This session will present strategies to reduce the overuse of systemic steroids and antibiotics.

- 3:00 pm **Welcome and Introductions**  
Amanda L. Michaud, PA-C
- 3:03 pm **Systemic Steroid Stewardship**  
Michelle R. Dickens, RN, FNP-C, AE-C
- 3:40 pm **Antibiotic Stewardship**  
Dana V. Wallace, MD, FACAAI
- 4:20 pm **Questions and Discussion**
- 4:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Explore the concept of oral steroid stewardship.
- Discuss strategies for the allergy practice to reduce unnecessary antibiotic prescribing.

4:45 – 6:00 pm  
**Advanced Practice, Allied Health and Office Administrators Networking Reception**  
Commonwealth Ballroom Salon 3 (Level 2)  
Omni Louisville Hotel  
*Supported by Aimmune Therapeutics*

# Saturday General Sessions



6:15 – 7:00 am • Marriott Ballroom Salons VII-VIII  
Louisville Marriott Downtown Hotel

## Good Morning, Good Day!

Join us at the Marriott for 45 minutes of health and wellness activities designed to prepare you for the day.

7:20 – 8:00 am • Ballroom ABC  
Kentucky International Convention Center



## Opening Ceremony and 80th Anniversary Presentation.



Mark L. Corbett, MD,  
FAAAAI  
President



Brian T. Kelly, MD, MA,  
FAAAAI  
Program Chair



Mrs. Lelia Sublett  
Alliance Co-president



Joseph A. Bellanti, MD,  
FAAAAI (Emeritus)  
Historian

The 2022 Gold Headed Cane Award will be presented at this time to James L. Sublett, MD, FAAAAI.



James L. Sublett, MD, FAAAAI  
2022 Gold Headed Cane Recipient

8:00 – 9:30 am • Ballroom ABC  
Kentucky International Convention Center

Presidential Plenary **LIVESTREAM**

## Food Allergy – Where Are We in 2022?

Moderator: Mark L. Corbett, MD, FAAAAI

Food allergy continues to experience amazing advances in diagnosis and management. This session will explore those advances to provide allergists/immunologists with the needed knowledge to take care of food allergic patients.

**Track:** Food & Drug Allergy and GI Disorders

- 8:00 am **Welcome and Introductions**  
Mark L. Corbett, MD, FAAAAI
- 8:03 am **Food Allergy Testing – What Is the Best Choice?**  
Hugh A. Sampson, MD, FAAAAI
- 8:28 am **Food OIT – Are We Desensitizing or Curing?**  
Robert A. Wood, MD
- 8:53 am **EoE- What to Do and What Not to Do**  
Jonathan M. Spergel, MD, PhD, FAAAAI
- 9:18 am **Questions and Discussion**
- 9:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Determine the different ways to test for IgE mediated food reactions.
- Identify the pathophysiology of food OIT and understand if OIT is a treatment or actual cure.
- Evaluate EoE and determine what to do and what not to do.

9:00 am – 4:30 pm

### Exhibit Hall Open

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center  
**Visit the College Resource Center at Booth #901**

9:30 – 10:00 am

### Refreshment Break in Exhibit Hall

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center  
**Supported by BioCryst Pharmaceuticals, Inc.**

9:35 – 10:00 am

### Product Theaters

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center  
(See page 86 for details)



# Saturday General Sessions

9:35 – 10:00 am

## ePosters – On Demand Viewing

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center

*Supported by Sanofi and Regeneron*



10:00 – 11:30 am • Ballroom ABC  
Kentucky International Convention Center

Symposium **LIVESTREAM**

## Drug Hypersensitivity Reactions in 2022: What Should We Know?

Moderators: Brian T. Kelly, MD, MA, FAAAAI; and  
Allison C. Ramsey, MD, FAAAAI

This session will detail the updates in the new Drug Allergy Parameter and how these revisions affect decision-making in the allergy clinic. Antibiotic allergy de-labelling will be discussed, and common questions addressed. Cutaneous reactions to medication are very common and can be confusing. Different types of cutaneous reactions will be presented and discussed with the aim to identify between mild and severe drug-induced rashes.

**Track:** Food & Drug Allergy and GI Disorders

- 10:00 am **Welcome and Introductions**  
Brian T. Kelly, MD, MA, FAAAAI; and  
Allison C. Ramsey, MD, FAAAAI
- 10:03 am **Drug Allergy Parameter: An Update**  
David A. Khan, MD, FAAAAI
- 10:28 am **De-labeling Antibiotic Allergy: A Practical Guide for Clinicians – Is Cephalosporin Hesitancy Warranted?**  
Kimberly G. Blumenthal, MD, MSc, FAAAAI
- 10:53 am **Evaluation and Management of Cutaneous Reactions to Medication**  
Mariana C. Castells, MD, PhD, FAAAAI
- 11:18 am **Questions and Discussion**
- 11:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Recognize the updates in the new Drug Allergy Parameter.
- Describe practical ways of de-labelling antibiotic allergy, including avoidance of cephalosporin in a penicillin allergic individual.
- Identify mild, moderate and severe cutaneous manifestations of drug hypersensitivity including SJS/TEN, AGEP, DRESS.

10:00 – 11:30 am • Room M104–M107  
Kentucky International Convention Center

Symposium

## Decision Thresholds for Management Recommendations

Moderators: Punita Ponda, MD, FAAAAI; and  
Monica Reddy, MD, FAAAAI

This session will review new and controversial tests in the diagnosis of allergic conditions and will build on an existing knowledge of emerging diagnostic testing strategies.

**Track:** Immunotherapy & Diagnostics

- 10:00 am **Welcome and Introductions**  
Punita Ponda, MD, FAAAAI; and  
Monica Reddy, MD, FAAAAI
- 10:03 am **Use of IgE Tests to Diagnose Food Allergy**  
Hugh A. Sampson, MD, FAAAAI
- 10:28 am **A Bayesian Approach to Diagnostic Testing**  
Jay M. Portnoy, MD, FAAAAI
- 10:53 am **Decision Thresholds for Treatment Recommendations**  
David M. Lang, MD, FAAAAI
- 11:18 am **Questions and Discussion**
- 11:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Use diagnostic tests to determine the probability that a patient has a disease.
- Differentiate between frequentist and Bayesian approaches to testing.
- Identify an approach to decision thresholds for treating allergic conditions.



# Saturday General Sessions

10:00 – 11:30 am • Room M108-M111  
Kentucky International Convention Center  
Symposium

## Physician Health, Wellness and Burnout

Moderators: Mark L. Corbett, MD, FAAAAI; and Sarah W. Spriet, DO, FAAAAI

Physician/Provider health and wellness involves multiple issues. Many medical schools, residencies, and allergy/immunology fellowships do not spend a lot of time on this during training, and given the current and future healthcare climate, physician/provider health and wellness is going to become a more significant issue. The COVID-19 pandemic has increased stress among all physicians. This session will review the physician/provider health and wellness scientific literature and discuss the major causes of provider burnout and stress and also potential solutions to alleviate this burden.

**Track:** Practice Management / Professional Issues

- 10:00 am **Welcome and Introduction**  
Mark L. Corbett, MD, FAAAAI; and Sara W. Spriet, DO, FAAAAI
- 10:03 am **Physician Wellness 2.0 and Beyond – What Can We Do?**  
Jon B. Klein, MD, PhD
- 10:28 am **Addressing Gender and Well-being in Healthcare**  
Maureen M. Petersen, MD, FAAAAI
- 10:53 am **Mental Health Approaches for Health Professionals**  
Bryan L. Martin, DO, FAAAAI
- 11:18 am **Questions and Discussion**
- 11:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Implement practice wellness and efficiency techniques.
- Assess health and wellness in allergists/immunologists.
- Identify physician burnout and implement steps to treat the condition.

10:00 – 11:30 am • Room M100-M103  
Kentucky International Convention Center  
Symposium

## Editor's Pick – Best Articles From *Annals of Allergy, Asthma and Immunology*

Moderator: John J. Oppenheimer, MD, FAAAAI

This session will highlight several of the best articles of 2022 published in *Annals*. The current Editor-in-Chief of *Annals*, Mitchell Grayson, MD, past Editor-in-Chief, Gailen D. Marshall, Jr., MD, PhD, and Executive Editor John J. Oppenheimer, MD, will provide insight regarding the impact and clinical application of various articles to allergy and immunology.

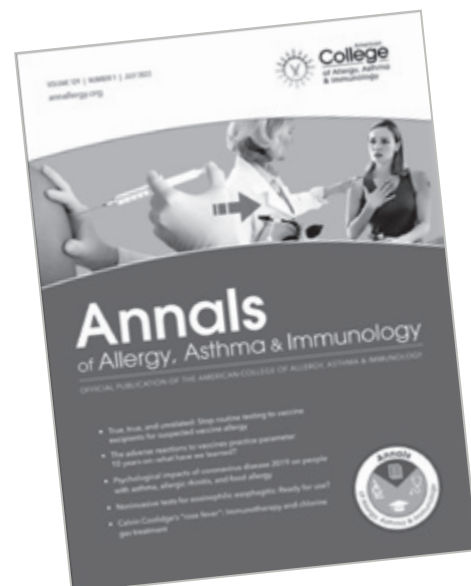
**Track:** ACAAI

- 10:00 am **Welcome and Introductions**  
John J. Oppenheimer, MD, FAAAAI
- 10:03 am **2022 Best Articles Review and Discussion**  
Mitchell H. Grayson, MD, FAAAAI  
Gailen D. Marshall, Jr., MD, PhD, FAAAAI  
John J. Oppenheimer, MD, FAAAAI
- 11:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Describe recent novel findings in tryptase and mast-cell disorders.
- Explain the interaction of COVID-19 on asthma.
- Discuss what is new in treatments for allergic skin diseases.



# Saturday General Sessions

11:30 am – 1:00 pm

## GME Program Directors' Luncheon

Room L026 • Kentucky International Convention Center

11:30 am – 1:00 pm

## Visit Exhibits • Lunch (On Own)

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center

11:30 am – 3:00 pm

## Doctors' Job Fair

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center

NOT FOR CREDIT

11:35 am – 1:00 pm

## ePosters – Meet the Authors: Session 2

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center  
(See page 14 for details)

*Supported by Sanofi and Regeneron*

NOT FOR CREDIT

11:35 am – 1:00 pm

## Product Theaters

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center  
(See page 86-87 for details)

NOT FOR CREDIT

1:00 – 2:30 pm • Ballroom ABC

Kentucky International Convention Center

## Practical Applications at Work Seminar

LIVESTREAM  ARS

## The Asthma Patient: What Would You Do?

Moderators: Jonathan Romeo, DO, FACCIAI; and  
Jonathan S. Tam, MD, FACCIAI

This session will offer an interactive discussion surrounding patients with difficult asthma. Experts will discuss different asthma scenarios, how our new guidelines may help in management, and provide allergists with practical tools to treat these patients.

**Track:** Asthma and Respiratory / Sleep Disorders

- 1:00 pm **Welcome and Introductions**  
Jonathan Romeo, DO, FACCIAI; and  
Jonathan S. Tam, MD, FACCIAI
- 1:03 pm **The Patient on ICS/LABA With Frequent Symptoms but No Exacerbations**  
Alan P. Baptist, MD
- 1:23 pm **The Patient Who Has No Chronic Symptoms but Exacerbates Frequently**  
William C. Anderson III, MD, FACCIAI
- 1:43 pm **The Patient With Asthma on ICS/LABA Whose Main Symptom Is Cough**  
John J. Oppenheimer, MD, FACCIAI
- 2:03 pm **The Otherwise Asymptomatic Toddler With Frequent URI-Exacerbations**  
Angela D. Hogan, MD, FACCIAI
- 2:25 pm **Questions and Discussion**
- 2:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Utilize the updated NHLBI/GINA guidelines to guide management options, while also reviewing comorbidities and other factors that could contribute to frequent symptoms on asthma therapy.
- Utilize the updated NHLBI/GINA guidelines to guide management options, while also reviewing common exacerbation triggers and mitigating factors.
- Utilize the updated NHLBI/GINA guidelines to guide management options, while also reviewing unique characteristics of cough-variant asthma and comorbid conditions that can cause cough.
- Utilize the updated NHLBI/GINA guidelines to guide management options, and review comorbidities, unique challenges, and unmet needs in this population.





# Saturday General Sessions

1:00 – 2:30 pm • Room M104-M107  
Kentucky International Convention Center

## Symposium

### Anaphylaxis Practice Parameter Update

Moderators: Dana V. Wallace, MD, FAAAAI; and  
J. Wesley Sublett, MD, MPH, FAAAAI

Knowledge gaps in anaphylaxis remain despite a better understanding of the epidemiology, pathogenesis, and management. In this session, the updated Anaphylaxis Practice Parameters will be highlighted in furthering the most current thinking in these areas.

**Track:** Rhinitis / Sinusitis / Ocular and Anaphylaxis

- 1:00 pm **Welcome and Introductions**  
Dana V. Wallace, MD, FAAAAI; and  
J. Wesley Sublett, MD, MPH, FAAAAI
- 1:03 pm **An Update on Perioperative Anaphylaxis**  
Dennis K. Ledford, MD, FAAAAI
- 1:28 pm **Routes of Epinephrine Autoinjectors and  
Intranasals – When, Who, How, and Can We  
Be Selective?**  
Jay A. Lieberman, MD, FAAAAI
- 1:53 pm **Beta Blockers and ACEi's in Anaphylaxis**  
David M. Lang, MD, FAAAAI
- 2:18 pm **Questions and Discussion**
- 2:30 pm **Adjourn**

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Understand risk factors and epidemiology in anaphylaxis.
- Understand the role of epinephrine in anaphylaxis.
- Discuss risk reducing strategies for anaphylaxis.

1:00 – 2:30 pm • Room L017-L018  
Kentucky International Convention Center  
Seats available on a first-come, first-served basis.  
Limit: 45.

## Ask the Experts

### The OIT Journey From A-Z

Moderator: Brian P. Vickery, MD

This will be a practical, limited attendee session on the journey of OIT. Participants will have the opportunity to address challenging everyday issues during the OIT patient journey and draw on the knowledge of experts in the field on how to tackle these challenges. Choose three of the five topics and spend 25 minutes with each expert addressing a phase of allergy practice. The expert will give a five-minute overview of the topic and will then answer questions and facilitate discussion with the table participants for 20 minutes.

**Track:** Food & Drug Allergy and GI Disorders

- 1:00 pm **Welcome and Introductions**  
Brian P. Vickery, MD
- Table Rotations:** 1:05 pm, 1:30 pm, 1:55 pm
- Table 1** **Is My Patient the Right Candidate for OIT?**  
Kristin C. Sokol, MD, FAAAAI
- Table 2** **Challenging Allergic Symptoms During OIT  
Escalation**  
J. Andrew Bird, MD
- Table 3** **Discussing At-Home OIT Dosing Safety**  
Douglas Mack, MD, MSc
- Table 4** **When to Stop OIT**  
Julie Wang, MD, FAAAAI
- Table 5** **Long-term OIT Challenges and Appropriate  
Follow-Up**  
Katherine Anagnostou, MD, PhD, FAAAAI
- 2:30 pm **Adjourn**

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Identify the right candidate for OIT.
- Discuss OIT adverse events during up-dosing and at home.
- Address practical issues in food oral immunotherapy practice, including when to stop treatment and long-term adherence.

# Saturday General Sessions

1:00 – 2:30 pm • Room M108-M111  
Kentucky International Convention Center

## Symposium

### EAACI – Novel Insights Into the Endotype of Allergic Asthma

Moderators: Mohamed Shamji, MD; and  
Mateo Bonini, MD

Assessing the role of allergic sensitization in asthma pathophysiology is an important step in disease workup because patients might benefit from tailored interventions such as allergen immunotherapy, biologics, or small molecules as add-on pharmacological asthma therapy. This session aims to describe the endotypes of allergic asthma and their clinical correlates and to guide the clinician in the choice of AIT, biologics and small molecules in a personalized management approach.

**Track:** Asthma and Respiratory / Sleep Disorders

- 1:00 pm **Welcome and Introductions**  
Mohamed Shamji, MD; and Mateo Bonini, MD
- 1:03 pm **From Mechanism to the Clinic**  
Ioana O. Agache, MD
- 1:28 pm **The Nuts and Bolts of Allergen Immunotherapy in Allergic Asthma**  
Marek Jutel, MD, PhD
- 1:53 pm **Biologics and Small Molecules for Allergic Asthma**  
Stefano del Giacco, MD, PhD
- 2:18 pm **Questions and Discussion**
- 2:30 pm **Adjourn**

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Detail the assessment of endotypes as a first step for individualized management.
- Compare the efficacy of biologics and small molecules in allergic asthma based on the patient endotype and clinical biomarkers.

2:30 – 3:00 pm

#### Ice Cream and Refreshment Break in Exhibit Hall

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center

*Supported by AstraZeneca*

2:35 – 3:00 pm

#### ePosters – On Demand Viewing

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center

*Supported by Sanofi and Regeneron*

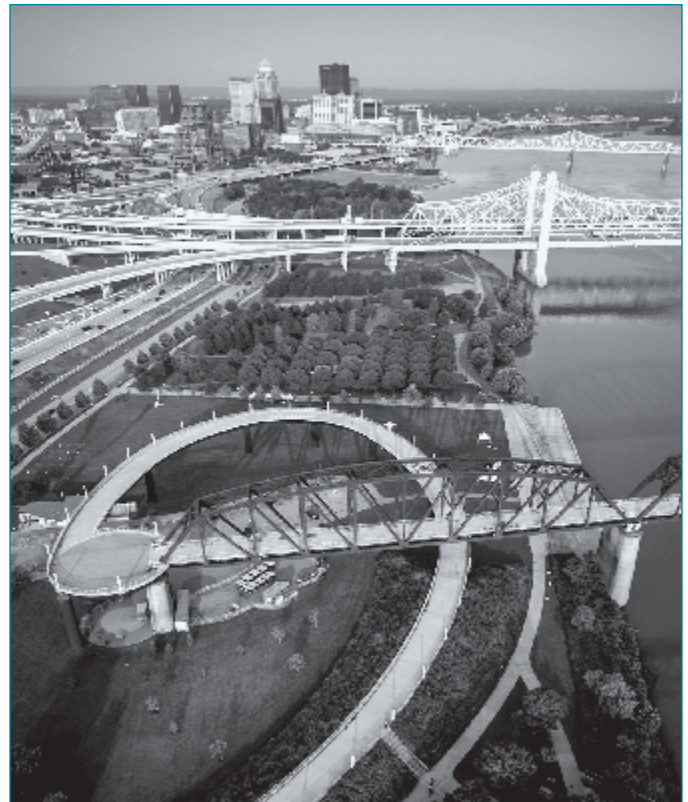
NOT FOR CREDIT

2:35 – 3:00 pm

#### Product Theaters

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center  
(See pages 87-88 for details)

NOT FOR CREDIT



# Saturday General Sessions

3:00 – 4:30 pm • Ballroom ABC  
Kentucky International Convention Center

Symposium **LIVESTREAM** 

## Hot Topics and Practical Pearls in Dermatology

Moderator: Kelly M. Maples, MD, FAAAAI

**Supported in part by an independent educational grant from Incyte Corporation**

Join us for a lively, fast-paced, timely discussion on the newest hot topics in allergic skin diseases, including atopic dermatitis, contact dermatitis, urticaria, HAE, pruritis and bullous eruptions.

**Track:** Dermatology

- 3:00 pm **Welcome and Introductions**  
Kelly M. Maples, MD, FAAAAI
- 3:03 pm **Rashes That Mimic Allergic Skin Conditions**  
Marc Serota, MD
- 3:14 pm **Update on Atopic Skin Conditions in Skin of Color**  
Ama Alexis, MD, FAAAAI
- 3:25 pm **Approach to Regional Dermatitis**  
Jeff Yu, MD
- 3:36 pm **Update on Bullous Skin Diseases**  
Luz S. Fonacier, MD, FAAAAI
- 3:47 pm **Biologics for Atopic Dermatitis**  
Anna de Benedetto, MD
- 3:58 pm **Topical JAK Inhibitors**  
Andrew Alexis, MD, MPH
- 4:09 pm **Oral JAK Inhibitors**  
Alexandra Golant, MD
- 4:20 pm **Questions and Discussion**
- 4:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Formulate a differential diagnosis for rashes presenting like atopic dermatitis.
- Discuss how rashes can vary in quality, appearance, and location in various races.
- Formulate a differential diagnosis for rashes appearing in specific body areas.
- Evaluate and form a treatment plan for bullous rashes.
- Summarize risks and benefits of biologics currently approved to treat allergic skin conditions.
- Review data from clinical trial of topical JAK inhibitors for allergic skin conditions.
- Review data from clinical trial of oral JAK inhibitors for allergic skin conditions.

3:00 – 4:30 pm • Room M108-M111  
Kentucky International Convention Center

Symposium

## Management of Primary Immunodeficiency Beyond Immunoglobulin Replacement

Moderators: Syed Shahzad Mustafa, MD, FAAAAI; and Benjamin Prince, MD

Patients with primary immunodeficiency often require additional therapeutic interventions. This session will focus on an evidence-based approach to complementing Ig replacement with other therapies, including prophylactic antibiotics, immune modulators, and the use of appropriate vaccination.

**Track:** Clinical Immunology and Autoimmune and Biologicals

- 3:00 pm **Welcome and Introductions**  
Syed Shahzad Mustafa, MD, FAAAAI; and Benjamin Prince, MD
- 3:03 pm **Clemens von Pirquet Award – 3rd Place Non-Infectious Complications Affect Survival in CVID Patients**  
Michael D'Netto, MD
- 3:13 pm **Evidence-based Role of Antibiotic Prophylaxis**  
Nicholas Hartog, MD, FAAAAI
- 3:33 pm **Role of Vaccination**  
Sarah K. Nicholas, MD
- 3:53 pm **Role of Immunomodulators**  
Jennifer R. Heimall, MD, FAAAAI
- 4:13 pm **Questions and Discussion**
- 4:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Describe the evidence base for when to use prophylactic antibiotics in the setting of primary immunodeficiency.
- Identify which vaccines are indicated versus which vaccines should be avoided in PID.
- Evaluate when to utilize immunosuppression in the management of primary immunodeficiency.

# Saturday General Sessions

4:30 – 5:30 pm • M100-M103  
Kentucky International Convention Center

## Distinguished Industry Oral Abstracts – Session A



**Refreshments Provided**

*Moderators: Jay A. Lieberman, MD, FAAAAI; and  
Jonathan S. Tam, MD, FAAAAI*

The College is honored to provide an opportunity for industry to update our attendees on the latest research and developing opportunities for patient treatment.

- 4:30 pm **Welcome and Introductions**  
Jay A. Lieberman, MD, FAAAAI; and  
Jonathan S. Tam, MD, FAAAAI
- 4:33 pm **Patients With Chronic Spontaneous  
Urticaria May Benefit From Longer  
Treatment or Updosing With Omalizumab**  
Giselle S. Mosnaim, MD, MS, FAAAAI
- 4:43 pm **Rapid and Sustained Reductions in  
Hereditary Angioedema Attack Rates  
With Long-term Berotralstat: Real-World  
Outcomes**  
William R. Lumry, MD, FAAAAI
- 4:53 pm **In vivo CRISPR/Cas9 Editing of KLKB1 in  
Patients with Hereditary Angioedema:  
A First-in-Human Study**  
Hillary J. Longhurst, MD
- 5:03 pm **Remibrutinib Improves Chronic  
Spontaneous Urticaria in Patients  
Irrespective of CU-Index: Results From  
Phase 2b Study**  
Warner W. Carr, MD, FAAAAI
- 5:13 pm **Dupilumab Efficacy in Patients With  
Chronic Spontaneous Urticaria by IgE  
Level: LIBERTY-CSU CUPID Study A**  
Thomas B. Casale, MD, FAAAAI
- 5:30 pm **Adjourn**

4:30 – 5:30 pm • Room M104-M107  
Kentucky International Convention Center

## Distinguished Industry Oral Abstracts – Session B



**Refreshments Provided**

*Moderators: Brian T. Kelly, MD, FAAAAI; and  
Kristin C. Sokol, MD, FAAAAI*

The College is honored to provide an opportunity for industry to update our attendees on the latest research and developing opportunities for patient treatment.

- 4:30 pm **Welcome and Introductions**  
Brian T. Kelly, MD, FAAAAI; and  
Kristin C. Sokol, MD, FAAAAI
- 4:33 pm **Effects of Albuterol-budesonide on Asthma  
Deteriorations and Severe Exacerbations  
in Mild-to-Moderate Asthma: DENALI  
Exploratory Endpoints**  
Bradley E. Chipps, MD, FAAAAI
- 4:43 pm **Oral Immunotherapy in Children Aged 1 to  
<4 Years With Peanut Allergy: POSEIDON  
Trial Outcomes**  
L. George DuToit, MD
- 4:53 pm **Pharmacokinetics Study of Epinephrine  
Sublingual Film: Results From the  
Formulation and Dosage Selection**  
Mark Freedman, MD
- 5:03 pm **EPITOPE Study Results: Phase 3,  
Randomized, Double-blind, Placebo-  
controlled Study of Epicutaneous  
Immunotherapy in Peanut-allergic Toddlers**  
A. Wesley Burks, MD, FAAAAI
- 5:13 pm **Health-Related Quality of Life in Children  
and Caregiver Proxies From Trials of  
Peanut Oral Immunotherapy**  
Julie Wang, MD, FAAAAI
- 5:30 pm **Adjourn**



# Saturday General Sessions

4:30 – 5:30 pm • Room M108-M111  
Kentucky International Convention Center

## Oral Abstracts – Session 1: Food Allergy

NOT FOR CREDIT

### Refreshments Provided

Moderators: Kevin D. Lindgren, MD; and  
Stephanie Logsdon Ward, MD, FAAAAI

- 4:30 pm **Welcome and Introductions**  
Kevin D. Lindgren, MD; and  
Stephanie Logsdon Ward, MD, FAAAAI
- 4:33 pm **The Use of Multi-omics to Identify  
Predictive Factors for Food Reactions**  
Shane Stone, MD
- 4:43 pm **Retrospective Review of Oral Food  
Challenge Outcomes in a Military  
Medical Center**  
Mechelle A. Miller, MD
- 4:53 pm **Alpha-Gal Syndrome on Eastern Long  
Island: IgE Ratios More Generalizable Than  
Alpha-gal sIgE Alone**  
Ari Heffes-Doon, MD
- 5:03 pm **Epinephrine Autoinjector Utilization and  
Access in a Nationally Representative  
Food-Allergic Adult Sample**  
Jennaveve Yost, M.S.
- 5:30 pm **Adjourn**

4:30 – 5:30 pm • Room M101-M102  
Kentucky International Convention Center

## Oral Abstracts – Session 2: Asthma/AERD/Rhinitis

NOT FOR CREDIT

### Refreshments Provided

Moderators: Kevin J. Kelly, MD, FAAAAI; and  
Jeremy S. Katcher, MD, FAAAAI

- 4:30 pm **Welcome and Introductions**  
Kevin J. Kelly, MD, FAAAAI; and  
Jeremy S. Katcher, MD, FAAAAI
- 4:33 pm **Asthma Severity and Risk of Ischemic Heart  
Disease (IHD)**  
Thomas Wilson, PhD, DrPH
- 4:43 pm **Efficacy Of Biologics in Patients With  
Severe Allergic Asthma, Overall and by  
Blood Eosinophil Count**  
Jonathan A. Bernstein, MD, FAAAAI
- 4:53 pm **Asthma Exacerbations Before and After  
Tezepelumab Treatment: A Pooled Analysis  
Of PATHWAY and NAVIGATOR Studies**  
Sameer K. Mathur, MD, PhD
- 5:03 pm **Cancer Risk With Topical Pimecrolimus  
and Tacrolimus for Atopic Dermatitis:  
Systematic Review and Bayesian Meta-  
Analysis**  
Alexandro Chu, MHSc
- 5:13 pm **Efficacy of House Dust Mite  
Immunotherapy in Patients With Atopic  
and Contact Dermatitis Overlap Syndrome**  
Yuriy Bisyuk, MD, PhD
- 5:30 pm **Adjourn**

Saturday



# Saturday General Sessions

4:30 – 5:30 pm • Room M112  
Kentucky International Convention Center

## Oral Abstracts - Session 3: Host Immunity and Primary Immunodeficiency

NOT FOR  
CREDIT

### Refreshments Provided

Moderator: Joyce E. Yu, MD, FACAAl

- 4:30 pm **Welcome and Introductions**  
Joyce E. Yu, MD, FACAAl
- 4:33 pm **Undetectable IgE as a Sentinel Biomarker  
for Humoral Immunodeficiency**  
Thomas A. Makin, MD
- 4:43 pm **SARS-CoV-2 Antibody Levels Continue to  
Rise in Immune Globulin Preparations**  
Qing Wang, MD
- 4:53 pm **Understanding Host-Microbial Interactions  
That Predispose Infants to Atopic  
Dermatitis**  
Ramin Beheshti, MD
- 5:03 pm **Split-Dosing of COVID-19 Vaccines Is  
Safe and Provides Non-Inferior Antibody  
Responsiveness to Conventional Vaccine  
Dosing**  
Amal Musa, MD
- 5:30 pm **Adjourn**

5:30 – 7:30 pm

NOT FOR  
CREDIT

## 31st Annual FIT Bowl Competition

Commonwealth Ballroom (Level 2)  
Omni Louisville Hotel

Test your knowledge, sharpen your wits, and join in the fun at the dynamic, fast-paced FIT Bowl! Participating teams from training programs throughout North America will compete to answer a variety of serious (and not so serious) questions posed by an expert panel. Thirty-two teams will face off against each other in their attempt to win the coveted FIT Bowl trophy. Enjoy an open bar and appetizers while you cheer on the contestants.

*Supported by DBV Technologies*

7:45 – 9:45 pm

NOT FOR  
CREDIT

## Non-CME Corporate Forums

(See pages 81-82 for details)

# Sunday General Sessions



6:45 – 7:30 am

Marriott Ballroom Salon V (Marriott – Level 2)  
Louisville Marriott Downtown Hotel

## Good Morning, Good Day!

Join us at the Marriott for 45 minutes of health and wellness activities designed to prepare you for the day.

8:00 – 9:30 am • Ballroom ABC

Kentucky International Convention Center

Plenary **LIVESTREAM**

## Practicing Allergy / Immunology Into the Future

Moderators: Brian T. Kelly, MD, MA, FAAAAI; and Kathleen R. May, MD, FAAAAI

The practice of allergy and immunology is constantly evolving. In this session, we'll present practical information regarding how to incorporate remote patients monitoring into your practice, as well as provide a glimpse into what the future of allergy and immunology practice may look like.

**Track:** Practice Management / Professional Issues

- 8:00 am **Welcome and Introductions**  
Brian T. Kelly, MD, MA, FAAAAI; and Kathleen R. May, MD, FAAAAI
- 8:03 am **Integrating Remote Patient Monitoring Into Your Practice**  
Travis A. Miller, MD, FAAAAI
- 8:28 am **Navigating the Evolving Payor System, Practice Models, and Reimbursement**  
Matt Reiter
- 8:53 am **Edward J. O'Connell Lecture**  
 **What Does the Landscape of Therapeutics Look Like in Allergy Practice?**  
Thomas B. Casale, MD, FAAAAI
- 9:18 am **Questions and Discussion**
- 9:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Identify, select, incorporate and properly use technological advancements to best treat patients.
- Plan for the changing practice model.
- Develop an understanding of how best to treat patients in the future.

9:00 am – 1:30 pm

### Exhibit Hall Open

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center  
**Visit the College Resource Center at Booth #901**

9:30 – 10:00 am

### Refreshment Break in Exhibit Hall

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center

9:35 – 10:00 am

### ePosters – On Demand Viewing

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center

*Supported by Sanofi and Regeneron*

**NOT FOR CREDIT**

9:35 – 10:00 am

### Product Theaters

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center  
(See pages 88-89 for details)

**NOT FOR CREDIT**



Sunday

# Sunday General Sessions

10:00 – 11:30 am • Ballroom ABC  
Kentucky International Convention Center

Symposium **LIVESTREAM** 

## 7 for 11 – Hot Topics in Pediatric A&I – A Joint Presentation From AAP-SOAI & ACAAI

Moderator: Todd A. Mahr, MD, FAAAAI

Each of the 7 presenters will have only 11 minutes to deliver insightful, targeted and dynamic information on their assigned topics.

**Track:** [ACAAI](#)

- 10:00 am **Welcome and Introductions**  
Todd A. Mahr, MD, FAAAAI
- 10:03 am **Asthma**  
Angela D. Hogan, MD, FAAAAI
- 10:14 am **Food Allergy – Non-treatment**  
Theresa A. Bingemann, MD, FAAAAI
- 10:25 am **Food Allergy – Treatment**  
J. Andrew Bird, MD, FAAAAI
- 10:37 am **Biologics**  
Carla M. Davis, MD, FAAAAI
- 10:49 am **Anaphylaxis**  
Julie Wang, MD, FAAAAI
- 11:00 am **Immunology**  
Mary Beth Fasano, MD, MSPH, FAAAAI
- 11:11 am **Epidemiology**  
Ruchi Gupta, MD, MPH
- 11:22 am **Questions & Discussion**
- 11:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Review new diagnosis and treatments for food allergy.
- Understand updates in pediatric asthma and allergy.
- Review changes in diagnosis and management of pediatric skin and immune disorders.

10:00 – 11:30 am • Room M104-M107  
Kentucky International Convention Center

Symposium

## Updates on Urticaria and Advice on Angioedema

Moderators: Myron J. Zitt, MD, FAAAAI; and  
Gisoo Ghaffari, MD, FAAAAI

**Supported by independent educational grants from Genentech, a member of the Roche Group and Takeda**

Urticaria and angioedema are commonly encountered in the allergy clinic. This session will focus on updates on the diagnostic evaluation of urticaria. Additionally, new medications in the treatment of urticaria will be reviewed and practical advice given on their use. Finally, updates on HAE and non-C1 inhibitor angioedema will round out this dynamic session.

**Track:** [Dermatology](#)

- 10:00 am **Welcome and Introductions**  
Myron J. Zitt, MD, FAAAAI; and  
Gisoo Ghaffari, MD, FAAAAI
- 10:03 am **The Role of Biomarkers in Urticaria**  
Jonathan A. Bernstein, MD, FAAAAI
- 10:23 am **Novel Therapies You May Be Seeing for Urticaria**  
Sarbjit S. Saini, MD
- 10:43 am **HAE Refresher**  
Timothy J. Craig, DO, FAAAAI
- 11:03 am **Normal C4 and C1 Inhibitor Angioedema... What Now?**  
Marc A. Riedl, MD, MS
- 11:23 am **Questions and Discussion**
- 11:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Select appropriate diagnostic tests for the patients with urticaria to optimize management.
- Evaluate data on novel therapies currently being investigated in Phase 2 and Phase 3 trials for urticaria.
- Formulate a plan on further evaluation and management for patients with angioedema who have normal complement (C4, C1 inhibitor function and levels).



# Sunday General Sessions

10:00 – 11:30 am • Room M100-M103  
Kentucky International Convention Center

## Interdisciplinary Panel Managing CRSwNP in the Office: Putting It All Together

Moderators: Stanley M. Fineman, MD, MBA, FAAAAI; and  
Anju T. Peters, MD

Chronic rhinosinusitis with nasal polyposis is an ever-changing landscape of new phenotypes, endotypes, and medications. This session will review the latest updates and discuss the optimal management of these patients.

**Track:** Rhinitis / Sinusitis / Ocular and Anaphylaxis

- 10:00 am **Welcome and Introductions**  
Stanley M. Fineman, MD, MBA, FAAAAI; and  
Anju T. Peters, MD
- 10:03 am **Pathogenesis of Nasal Polyposis**  
Larry Borish, MD, FAAAAI
- 10:28 am **Medical Management**  
Whitney Stevens, MD, PhD
- 10:53 am **Surgical Management**  
Joseph K. Han, MD
- 11:18 am **Questions and Discussion**
- 11:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Distinguish various phenotypes of chronic sinusitis with and without nasal polyps and define the pathophysiology of these phenotypes.
- Analyze risks and benefits of surgical therapy for chronic sinusitis with and without nasal polyps.
- Identify risks and benefits of various non-surgical or pharmacotherapies for chronic sinusitis with and without nasal polyps.



10:00 – 11:30 am • Room L017-L018  
Kentucky International Convention Center

## Ask the Experts How to Expand Services in Your Practice

Moderator: M. Razi Rafeeq, MD, FAAAAI

**Seats available on first-come, first-served basis.  
Limit: 54.**

Allergists need to be nimble in practice with the ever-changing healthcare landscape. This session will focus on various opportunities for allergists to expand patient offerings in their clinics. Attendees will hear excellent strategies from experts who have successfully implemented new programs and approaches. Choose three of the six topics and spend 25 minutes with each expert addressing a phase of allergy practice. The expert will give a five-minute overview of the topic and will then answer questions and facilitate discussion with the table participants for 20 minutes.

**Track:** Practice Management and Professional Issues

- 10:00 am **Welcome and Introductions**  
M. Razi Rafeeq, MD, FAAAAI

**Table Rotations:** 10:05 am, 10:30 am, 10:55 am

- Table 1** **Expanding Services With a Food Center**  
Kristin C. Sokol, MD, FAAAAI
- Table 2** **Expanding Services With Infusion Centers, Etc.**  
Joshua S. Jacobs, MD
- Table 3** **Should I Still Buy and Bill for Biologics?**  
James Tracy, DO, FAAAAI
- Table 4** **Maximizing the Role of an Advanced Practice Provider as a Team Member**  
Abby L. Allen, RN, NP and  
J. Wesley Sublett, MD, MPH, FAAAAI
- Table 5** **Remote Patient Monitoring and At-home Technologies: Are They Viable for the Long Term?**  
Travis A. Miller, MD, FAAAAI
- Table 6** **Expanding Your Practice Through Telemedicine**  
Melinda M. Rathkopf, MD, FAAAAI
- 11:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Expand and implement additional practice services.
- Enhance patient outreach through available telehealth technologies.
- Increase the role of Allied Professionals.

# Sunday General Sessions

10:00 – 11:30 am • Room M108-M111  
Kentucky International Convention Center

Interdisciplinary Panel

## Addressing the Mental Health Impact on Patients, Parents, Families

Moderators: Grace P. Tamesis, MD, MPH, FAAAAI; and  
Deepa Patadia, MD

In this session, the impact of mental health concerns on allergy patients and their families. The evidence regarding the burden of mental illness on allergy patients will be reviewed. Participants will be introduced to practical tools that they can implement in their offices to identify and address mental illness in their patients.

**Track:** Population Health and Infectious Diseases /  
International Travel

- 10:00 am **Welcome and Introductions**  
Grace P. Tamesis, MD, MPH, FAAAAI; and  
Deepa Patadia, MD
- 10:03 am **Mental Health Screening for Allergy and  
Asthma Patients: Does It Have Practical  
Utility?**  
Gailen D. Marshall, Jr., MD, PhD, FAAAAI
- 10:53 am **Specific Tools for the Anxious Food Allergy  
Patient**  
Katherine Dahlsgaard, PhD
- 11:18 am **Questions and Discussion**
- 11:30 am **Adjourn**

### Learning Objectives

- Upon completion of this session, participants should be able to:
- Describe the impact of elevated stress, anxiety and depression on allergy and asthma patients.
  - Discuss the various practical ways that mental health screening can be performed in practicing allergists' offices.
  - Evaluate the effectiveness of managing mental health concerns on clinical outcomes in allergy and asthma patients.

11:30 am – 1:00 pm  
**Visit Exhibits • Lunch (On Own)**  
Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center

11:30 am – 1:00 pm **Women in Allergy Luncheon**   
(Registration Required)  
Ballroom DE • Kentucky International Convention Center  
*Supported by Sanofi and Regeneron*

11:35 am – 1:00 pm

**ePosters – Meet the Authors:  
Session 3**

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center  
(See page 14 for details)

*Supported by Sanofi and Regeneron*

NOT FOR  
CREDIT

11:35 am – 1:00 pm

**Product Theaters**

Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center  
(See pages 89-90 for details)

NOT FOR  
CREDIT

1:00 – 2:30 pm • Ballroom ABC  
Kentucky International Convention Center

Jeopardy  

## What's That Rash, Doctor?

Moderator / Host: Stephanie L. Mawhirt, DO, FAAAAI

This quiz-show format session is designed to assist the attendee in developing a better understanding of terms used to diagnose various skin conditions, recognize common and similar patterns of skin disease and formulate a treatment strategy. Rapid fire, high yield and fun, all rolled into one.

**Track:** Dermatology

1:00 pm **Welcome and Introductions**  
Stephanie L. Mawhirt, DO, FAAAAI

1:05 pm **Game Time!**  
*Faculty:* Luz S. Fonacier, MD, FAAAAI  
Kelly M. Maples, MD, FAAAAI  
Marc Serota, MD

2:30 pm **Adjourn**

### Learning Objectives

- Upon completion of this session, participants should be able to:
- Define basic dermatology terms.
  - Recognize skin lesions that look alike.
  - Develop an appropriate treatment plan.

# Sunday General Sessions

1:00 – 2:30 pm • Room M104-M107  
Kentucky International Convention Center

Symposium+

## Allergen Mixing in the Allergist's Office: Session One – The Changing Environment in Allergy and Immunology Extract Mixing

Moderator: Maureen M. Petersen, MD, FAAAAI

**Supported by an independent educational grant from Stallergenes Greer**

This session will provide comprehensive didactic presentations and an in-person demonstration detailing allergen extract mixing compliant with USP 797 standards. Attendees will understand USP 797 standards, view a live demonstration of area sterilization techniques and observe individualized media fill and glove tip testing.

**Track:** Clinical Immunology and Autoimmune and Biologicals

1:00 pm	<b>Welcome and Introductions</b> Maureen M. Petersen, MD, FAAAAI
1:03 pm	<b>The Changing Environment in Allergy and Immunology</b> Michael R. Nelson, MD, PhD, FAAAAI
1:18 pm	<b>Allergens and Standardization</b> Maureen M. Petersen, MD, FAAAAI
1:33 pm	<b>A History of Immunotherapy – How Did We Get to Where We Are?</b> Harold S. Nelson, MD, FAAAAI
1:48 pm	<b>The Media Fill Test and Glove Tip Test Explained</b> Maureen M. Petersen, MD, FAAAAI
2:20 pm	<b>Questions and Discussion</b>
2:30 pm	<b>Adjourn</b>

### Learning Objectives

Upon completion of this session, participants should be able to:

- Identify the key changes to the allergen mixing environment and cutting-edge research to advance immunotherapy.
- Discuss the preparation of an allergen extract kit to include selection of allergens, diluents, and allergen standardization.
- Demonstrate the important tests needed to meet USP 797 standards to include the media fill test and glove tip test.

1:00 – 2:30 pm • Room M100-M103  
Kentucky International Convention Center

Symposium

## Coding and Government Relations

Moderators: James Tracy, DO, FAAAAI; and James L. Sublett, MD, FAAAAI

This session will address relevant changes, modifications and implementation of CPT and ICD-10 coding for 2022-2023. This will be accomplished by practical case-based scenarios focused on how the change may affect the practice of allergy and clinical immunology. In addition, we'll review the state of politics and the national perspective of medicine. Finally, we'll offer an update on the changing landscape on Capitol Hill as it relates to the current state of government.

**Track:** Practice Management and Professional Issues

1:00 pm	<b>Welcome and Introductions</b> James Tracy, DO, FAAAAI; and James L. Sublett, MD, FAAAAI
1:03 pm	<b>Coding Update</b> Gary N. Gross, MD, FAAAAI
1:28 pm	<b>We Advocate – What Are the Issues?</b> Warner Carr, MD, FAAAAI
1:53 pm	<b>Government / Legislative Update</b> Matt Reiter
2:18 pm	<b>Questions and Discussion</b>
2:30 pm	<b>Adjourn</b>

### Learning Objectives

Upon completion of this session, participants should be able to:

- Describe coding changes and updates relevant to allergy practice.
- Describe how allergists and organizations have been involved using past examples and calls to action for future work.
- Recognize governmental and legislative updates for the allergist.

# Sunday General Sessions

1:00 – 2:30 pm • Room M112  
Kentucky International Convention Center

Symposium+

## Introductory Course in Rhinolaryngoscopy

Moderator: Jerald W. Koepke, MD, FAAAAI

Indications for, and use of, the fiberoptic rhinoscope in the allergist's office will be reviewed. This session will discuss the surgical anatomy of the upper airway, including the nasal cavity, pharynx, and larynx as seen during a fiberoptic examination of the upper airway using a rhinoscope. Slides and video clips will be shown that identify normal and abnormal anatomy, as well as disease presentations, and postoperative changes found by endoscopic examination of the upper airway.

**Track:** Rhinitis / Sinusitis / Ocular and Anaphylaxis

1:00 pm **Welcome and Introductions**  
Jerald W. Koepke, MD, FAAAAI

### Presentations:

Jerald W. Koepke, MD, FAAAAI  
Seong H. Cho, MD, FAAAAI

2:20 pm **Questions and Discussion**

2:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Describe the major anatomical findings in the upper airway.
- Identify normal and abnormal anatomy, disease presentations and post-op findings.
- Identify indications for use of the rhinoscope in the allergist's office.



1:00 – 2:30 pm • Room M108-M111  
Kentucky International Convention Center

Symposium

## Mastering Biologics Used in Atopic Conditions

Moderators: Jeremy S. Katcher, MD, FAAAAI; and  
Nicole M. Chase, MD, FAAAAI

**Supported by an independent educational grant from  
Sanofi and Regeneron**

Biologics have become a mainstay in treatment of many allergic conditions. In fact, each year more and more biologic medications become approved or receive new indications. Allergists/Immunologists need to be aware of all these medications and their uses. The most common conditions for which biologics are used in allergy include asthma, urticaria, atopic dermatitis, and chronic rhinosinusitis with nasal polyposis. Over the past year, there have been many new biologics approved for each area described above. Allergists must have the knowledge and understanding of these medications and be competent in their ability to prescribe them to their patients.

**Track:** Asthma and Respiratory / Sleep Disorders

1:00 pm **Welcome and Introductions**  
Jeremy S. Katcher, MD, FAAAAI; and  
Nicole M. Chase, MD, FAAAAI

1:03 pm **Asthma and Biomarkers**  
Thomas B. Casale, MD, FAAAAI

1:28 pm **Nasal Polyposis**  
Anju T. Peters, MD

1:53 pm **Skin Conditions**  
Andrew Alexis, MD, MPH

2:18 pm **Questions and Discussion**

2:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Compare the current biologics approved for asthma.
- Evaluate the current biologics approved for nasal polyposis.
- Identify the latest biologic therapies used in atopic dermatitis and chronic spontaneous urticaria.

2:30 – 3:00 pm

### Refreshment Break

Ballroom Pre-Function and M100-M112 Pre-Function  
Kentucky International Convention Center

# Sunday General Sessions

3:00 – 4:30 pm • Ballroom ABC  
Kentucky International Convention Center

Symposium **LIVESTREAM** 

## Breastfeeding and Maternal Diet in Eczema and Food Allergies

Moderators: Kevin J. Kelly, MD, FAAAAI; and Anna H. Nowak-Wegrzyn, MD, PhD, FAAAAI

This interdisciplinary session will discuss current data on the role of maternal diet in infants with eczema and/or food allergy, including as a method of prevention.

**Track:** Food & Drug Allergy and GI Disorders

- 3:00 pm **Welcome and Introductions**  
Kevin J. Kelly, MD, FAAAAI; and Anna H. Nowak-Wegrzyn, MD, PhD, FAAAAI
- 3:03 pm **What Are the Data on Primary Prevention of Food Allergy and Eczema Through Diet**  
Carina Venter, PhD, RD
- 3:28 pm **Should I Recommend Food Avoidance In My Patients With Eczema**  
Matthew C. Greenhawt, MD, MBA, MSc, FAAAAI
- 3:53 pm **How to Counsel Breastfeeding Mothers Regarding Their Diet**  
Jamie L. Kabourek, MS, RD
- 4:18 pm **Questions and Discussion**
- 4:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Analyze data on maternal and infant diet in prevention of eczema and food allergy.
- Assess the effect of dietary eliminations in children with eczema.
- Provide guidance on maternal dietary practices during breastfeeding for infants with eczema and/or food allergy.

3:00 – 4:30 pm • Room M104-M107  
Kentucky International Convention Center

Symposium

## Allergen Mixing in the Allergist's Office: Session Two – The Compliant Mixing Room

Moderator: Maureen M. Petersen, MD, FAAAAI

**Supported by an independent educational grant from Stallergenes Greer**

This session brings together speakers with first-hand regulatory and allergen mixing experience to share a deeper look at USP 797 standards. Attendees will gain an understanding of implementation of these standards in an allergen extract compounding area to maintain a safe and effective mixing environment.

**Track:** Clinical Immunology and Autoimmune and Biologicals

- 3:00 pm **Welcome and Introductions**  
Maureen M. Petersen, MD, FAAAAI
- 3:03 pm **USP 797 and the Current Regulations Regarding Mixing**  
James L. Sublett, MD, FAAAAI
- 3:23 pm **Understanding Potential Safety Issues in the Mixing Room**  
Bryan L. Martin, DO, FAAAAI
- 3:43 pm **Experiences Within a Large Mixing Practice**  
David J. Schwartz, MD
- 4:03 pm **The Allergenic Extracts Compounding Area (AECA)**  
Sarah W. Spriet, DO, FAAAAI
- 4:23 pm **Questions and Discussion**
- 4:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Identify the key changes to the allergen mixing environment and cutting-edge research to advance immunotherapy.
- Discuss the preparation of an allergen extract kit to include selection of allergens, diluents, and allergen standardization.
- Implement the USP Chapter 797 guidelines for the preparation of allergen extract treatment sets and provide resources to assist allergy practices in meeting the requirements.

# Sunday General Sessions

3:00 – 4:30 pm • Room M100-M103  
Kentucky International Convention Center

Practical Applications at Work Seminar **ARS**

## Utilizing Genetic Testing to Manage Immunodeficiency

Moderators: Heather K. Lehman, MD; and  
Thomas A. Fleisher, MD, FACAAI

Genetic testing has become mainstream in the identification and management of primary immunodeficiency. This session will focus on the practical implementation of genetic testing in the office.

**Track:** Clinical Immunology and Autoimmune and Biologicals

- 3:00 pm **Welcome and Introductions**  
Heather K. Lehman, MD; and  
Thomas A. Fleisher, MD, FACAAI
- 3:03 pm **Background of Genetic Defects in Commonly Encountered Forms of Immunodeficiency**  
Ivan Chinn, MD
- 3:28 pm **Role of Genetic Testing in the Management of Immunodeficiency**  
Charlotte Cunningham-Rundles, MD, PhD
- 3:53 pm **Understanding and Interpreting Variants of Unknown Significance (VUS)**  
Benjamin Prince, MD
- 4:20 pm **Questions and Discussion**
- 4:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Recall examples of specific diseases that are appropriate for sending off genetic testing.
- Discuss when testing is appropriate for their patients who they think may have an inborn error of immunity.
- Demonstrate how to order genetic testing for inborn errors of immunity.
- Determine how to interpret variants of unknown significance on a genetic report.

3:00 – 4:30 pm • Room M108-M111  
Kentucky International Convention Center

Symposium

## In the News at ABAI

Moderator: Michael R. Nelson, MD, PhD, FACAAI

The ACAAI, ABAI and diplomates are key stakeholders in the transformation of the ABAI and the Allergy and Immunology Continuing Certification program. This session will provide attendees with an overview of the CAP five-year cycle score, CAP progress meter and the groundbreaking ABAI initiatives for diplomates.

**Track:** Practice Management / Professional Issues

- 3:00 pm **Welcome and Introductions**  
Michael R. Nelson, MD, PhD, FACAAI
- 3:05 pm **CAP 5-Year Cycle Score/CAP Progress Meter**  
Michael R. Nelson, MD, PhD, FACAAI
- 3:30 pm **CAP Test Writing Committee**  
Theodore M. Freeman, MD, FACAAI
- 3:55 pm **ABAI Ambassador Program/Director Self Nomination**  
Jeffrey R. Stokes, MD, FACAAI; and  
Chelsey Williams
- 4:20 pm **Questions and Discussion**
- 4:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Understand the CAP 5-Year Cycle Score and Progress Meter.
- Understand the Test Writing Committee and Ambassador Role and Function.
- Identify volunteer opportunities, including the self-nomination pathway for the Test Writing Committee, Ambassador Program and Board of Directors.

# Sunday General Sessions

4:30 – 5:30 pm • Ballroom ABC • Kentucky International Convention Center

## ACAAI Annual Business Meeting

NOT FOR CREDIT

LIVESTREAM 

All College Members are invited to attend.

### Call to Order and Approval of 2021 Minutes & Standing Rules

Mark L. Corbett, MD, FACAAI, President

### State of the College

Mark L. Corbett, MD, FACAAI

### Historian's Report

Joseph A. Bellanti, MD, FACAAI (Emeritus), Historian

### Presentation of New Fellows, Distinguished and International Distinguished Fellows, Distinguished Service, Woman in Allergy, EMD Award, *Annals* FIT Awards

Mark L. Corbett, MD, FACAAI, President; Michael S. Blaiss, MD, FACAAI, Executive Medical Director; and Mitchell H. Grayson, MD, FACAAI, Editor-in-Chief, *Annals of Allergy, Asthma & Immunology*

### Foundation Report and Community Grant Awards

David B. Engler, MD, FACAAI, Foundation President

### Alliance Address and Clemens von Pirquet Awards

Mrs. Lelia Sublett and Mrs. Charlotte Meadows, Alliance Co-Presidents

### Advocacy Council Report

Warner W. Carr, MD, FACAAI, Advocacy Council Chair

### Bylaws Committee Report

Santiago Martinez, MD, FACAAI, Bylaws Committee Chair

### Recognition of Outgoing Regents

Mark L. Corbett, MD, FACAAI, President

### Nominating Council Report and Election of Officers

J. Allen Meadows, MD, FACAAI, Nominating Council Chair

### Installation of New President and President's Acceptance

Mark L. Corbett, MD, FACAAI; and Kathleen R. May, MD, FACAAI, President 2022-2023

### Presentation to Outgoing President and New Business

Kathleen R. May, MD, FACAAI

Sunday



# Monday General Sessions

8:00 – 9:30 am • Ballroom ABC  
Kentucky International Convention Center


Plenary **LIVESTREAM** 

## Implementing New Guidelines Into Practice

Moderators: Brian T. Kelly, MD, MA, FAAAAI; and Jay A. Lieberman, MD, FAAAAI

The final plenary session of the 2022 Annual Meeting will focus on updates to the clinical guidelines published in the last few years. This session promises to provide some of the most practical advice on management of atopic dermatitis and chronic sinusitis. A new talk this year will review the GRADE analysis used in developing practice parameters to give the attendees an idea of how these guidelines are put together.

Track: [ACAAI](#)

- 8:00 am **Welcome and Introductions**  
Brian T. Kelly, MD, MA, FAAAAI; and Jay A. Lieberman, MD, FAAAAI
- 8:03 am **Guidelines Development Process and Implementation Into Your Practice**  
Derek K. Chu, MD, PhD
- 8:20 am **Updates on Sinusitis Parameter**  
Jonathan A. Bernstein, MD, FAAAAI
- 8:40 am **Updates on Atopic Dermatitis GRADE Guidelines**  
Lynda C. Schneider, MD, FAAAAI
- 9:00 am **Bela Schick Lecture**
- 
- Implicit Bias: It Is Not Always What You See**  
Cherie Zachary, MD, FAAAAI
- 9:20 am **Questions and Discussion**
- 9:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Summarize the methodology used in the guideline development and update process.
- Interpret and apply the recent Sinus Parameter updates.
- Interpret and apply the recent GRADE Guidelines updates.

9:30 – 9:45 am  
**Refreshment Break**  
Ballroom Pre-Function  
Kentucky International Convention Center

9:45 – 11:00 am • Ballroom ABC  
Kentucky International Convention Center

Symposium **LIVESTREAM** 

## Advances in Food Allergy Immunotherapy

Moderators: Julie Wang, MD, FAAAAI; and J. Andrew Bird, MD, FAAAAI

**Supported by an independent educational grant from Genentech, a member of the Roche Group**

This session will address key questions in food immunotherapy and initiate interesting discussions into the use of different food immunotherapy approaches, including benefits and risks, identifying the right candidate for each approach and addressing practical issues in clinical practice.

Track: [Food & Drug Allergy and GI Disorders](#)

- 9:45 am **Welcome and Introductions**  
Julie Wang, MD, FAAAAI; and J. Andrew Bird, MD, FAAAAI
- 9:48 am **Will I Ever Use SLIT for My Food Allergic Patients?**  
Edwin H. Kim, MD, FAAAAI
- 10:08 am **Where Will Biologics Fit in the Future?**  
David M. Fleischer, MD, FAAAAI
- 10:28 am **Novel Forms of Immunotherapy**  
Katherine Anagnostou, MD, PhD, FAAAAI
- 10:48 am **Questions and Discussion**
- 11:00 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Describe benefits and risks of SLIT and future directions.
- Compare current and past studies evaluating biologics for the treatment of food allergies.
- Discuss novel forms of immunotherapies to treat food allergies including epicutaneous and novel forms of oral and subcutaneous immunotherapy.





# Monday General Sessions

9:45 – 11:00 am • Room M104-M107  
Kentucky International Convention Center

## ProCon Debate

### Aspirin Desensitization vs. Biologic Therapy for Patients With AERD

Moderator: Jeffrey G. Demain, MD, FAAAAI

With the approval of various biologics for nasal polyps, the number of medical options for AERD patients has drastically increased. The practicing allergist can now provide multiple options for patients who suffer from this chronic condition and the discussion between aspirin desensitization and biologic therapy has increased. This session will include a lively discussion between the advantages and disadvantages of each therapy.

**Track:** Rhinitis / Sinusitis / Ocular and Anaphylaxis

- 9:45 am **Welcome and Introductions**  
Jeffrey G. Demain, MD, FAAAAI
- 9:48 am **Aspirin Desensitization in AERD**  
Andrew A. White, MD
- 10:08 am **Biologics in AERD**  
Larry Borish, MD, FAAAAI
- 10:28 am **Developing a Multidisciplinary Management Approach for AERD Patients**  
Shyam R. Joshi, MD
- 10:48 am **Questions and Discussion**
- 11:00 am **Adjourn**

#### Learning Objectives

Upon completion of this session, participants should be able to:

- List the multiple approaches to managing patients with AERD.
- Describe the advantages and disadvantages of these therapies.
- Collaborate with specialists to advance patient treatment.

9:45 – 11:00 am • Room M100-M103  
Kentucky International Convention Center

## Symposium

### How Do I Know if Allergy Shots Are Working?

Moderators: Heidi T. Zafra, MD, FAAAAI; and  
Bradley A. Locke, DO

Immunotherapy is an extremely effective method of treating allergic rhinoconjunctivitis. This session will focus on providing information on the nuts and bolts of immunotherapy.

**Track:** Immunotherapy and Diagnostics

- 9:45 am **Welcome and Introductions**  
Heidi T. Zafra, MD, FAAAAI; and  
Bradley A. Locke, DO
- 9:48 am **Mechanisms Involved in Allergen Immunotherapy**  
Harold S. Nelson, MD, FAAAAI
- 10:08 am **Effective Duration and Markers of Allergen Immunotherapy**  
Amber M. Patterson, MD, FAAAAI
- 10:28 am **Monitoring and Counseling of Patients During Allergen Immunotherapy**  
David I. Bernstein, MD, FAAAAI
- 10:48 am **Questions and Discussion**
- 11:00 am **Adjourn**

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Review the mechanisms of immunotherapy.
- Apply potential serologic or clinical tools and markers to assess if the immunotherapy has been effective for your patient.
- Identify the approach to discuss duration of immunotherapy and monitoring of symptoms with patients.



# Monday General Sessions

9:45 – 11:00 am • Room M108-M111  
Kentucky International Convention Center

Symposium

## World Allergy Organization Forum: New Approaches to Drug Allergies

Moderators: Mark L. Corbett, MD, FAAAAI; and  
Bryan L. Martin, DO, FAAAAI

Drug allergies are becoming a larger part of most practices of Allergy and Immunology. In this session, participants will learn about new approaches to common allergens such as penicillin and aspirin, as well as approaches to agents such as chemotherapeutic and perioperative drugs that have also been identified as potential allergens.

**Track:** Food & Drug Allergies and GI Disorders

- 9:45 am **Welcome and Introductions**  
Mark L. Corbett, MD, FAAAAI; and  
Bryan L. Martin, DO, FAAAAI
- 9:48 am **New Approaches to Penicillin Allergy**  
David A. Khan, MD, FAAAAI
- 10:08 am **New Approaches to Aspirin Allergy**  
Sandra N. Gonzalez-Diaz, MD, PhD
- 10:28 am **New Approaches – Allergies to  
Chemotherapeutic Drugs, Allergies to  
Antibiotics Other Than Penicillin, and  
Perioperative Anaphylaxis**  
Mariana C. Castells, MD, PhD, FAAAAI
- 10:48 am **Questions and Discussion**
- 11:00 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Describe the risk to patients of having an appropriate label of penicillin allergy and the methodology to initiate a de-labeling program.
- Discuss the differentiation of ASA allergy into AERD and non-AERD allergy and how to appropriately test and treat patients in each category.
- Define the appropriate work-up to identify and potentially challenge patients with allergies to antibiotics other than penicillin.
- Define the workup of patients who have potential reactions to chemotherapeutic medications.
- Recognize, test, and advise patients who have perioperative anaphylaxis.

11:00 – 11:15 am

### Refreshment Break

Ballroom Pre-Function and M100-M112 Pre-Function  
Kentucky International Convention Center

11:15 am – 12:30 pm • Ballroom ABC  
Kentucky International Convention Center

Symposium **LIVESTREAM** 

## Hybrid Care: The Use of Remote Patient Monitoring in Clinical Practice

Moderators: Brian T. Kelly, MD, MA, FAAAAI; and  
Becky J. Buelow, MD, MS

As technology improves and accelerates, Remote Patient Monitoring and Remote Therapeutic Monitoring is becoming more and more important in the care of patients. This session will review the currently available RPM and RTM options in allergy practice and how to use them.

**Track:** Practice Management and Professional Issues

- 11:15 am **Welcome and Introductions**  
Brian T. Kelly, MD, MA, FAAAAI; and  
Becky J. Buelow, MD, MS
- 11:18 am **RPM / RTM Programs and Those Available  
for Asthma and Allergy Care**  
Jennifer A. Shih, MD, FAAAAI
- 11:38 am **Using Telehealth to Support Distant  
Patients**  
Tania Elliott, MD, FAAAAI
- 11:58 am **Understanding of the CPT Codes  
for RPM/RTM**  
Sakina S. Bajowala, MD
- 12:18 pm **Questions and Discussion**
- 12:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Develop an understanding of the types of RPM and RTM programs and those available for asthma and allergy care.
- Successfully address and support both local and distant patients.
- Correctly identify and utilize appropriate CPT codes.

# Monday General Sessions

11:15 am – 12:30 pm • Room M104-M107  
Kentucky International Convention Center

## Symposium

### The Management of COVID for the Allergist / Immunologist

Moderators: Joseph A. Bellanti, MD, FAAAAI (Emeritus);  
and Chris Foster, MD

Allergist/immunologists are uniquely positioned to manage patients with COVID infection and long-term sequelae. This session will discuss important management considerations for severely immunocompromised patients, along with strategies to treat acute infection and long-term sequelae.

**Track:** Clinical Immunology and Autoimmune and Biologicals

- 11:15 am **Welcome and Introductions**  
Joseph A. Bellanti, MD, FAAAAI (Emeritus);  
and Chris Foster, MD
- 11:18 am **The Management of COVID in Immunocompromised Patients**  
Syed Shahzad Mustafa, MD, FAAAAI
- 11:38 am **Vaccines and Reactions: The Current State**  
Niraj C. Patel, MD, MS, FAAAAI
- 11:58 am **Management Consideration for Sequelae of COVID**  
Purvi S. Parikh, MD, FAAAAI
- 12:18 pm **Questions and Discussion**
- 12:30 pm **Adjourn**

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Identify which immunocompromised patients are at risk of poor outcomes from COVID and discuss treatment strategies.
- Describe outpatient therapies for acute COVID infection.
- Discuss research on managing long-term sequelae of COVID.

11:15 am – 12:30 pm • Room M100-M103  
Kentucky International Convention Center

## Symposium

### Treatment of Non-Th2 Asthma

Moderators: Jeremy S. Katcher, MD, FAAAAI; and  
Lindsey E. Moore, DO, FAAAAI

The majority of asthma management focuses on Th2 predominant asthma. However, there is a significant number of patients who suffer from non-Th2 asthma. This session focuses on the management of these patients.

**Track:** Asthma and Respiratory / Sleep Disorders

- 11:15 am **Welcome and Introductions**  
Jeremy S. Katcher, MD, FAAAAI; and  
Lindsey E. Moore, DO, FAAAAI
- 11:18 am **Clemens von Pirquet Award – 1st Place**  
**Impact of Allergen Sensitization on Airflow**  
**Limitation in Children With Severe Asthma**  
Kelly K. Boyd, MD
- 11:28 am **What is Non-Th2 Asthma?**  
John J. Oppenheimer, MD, FAAAAI
- 11:48 am **Novel Approaches to the Management of Non-Th2 Asthma**  
Thomas B. Casale, MD, FAAAAI
- 12:08 pm **Other Treatments for Non-Th2 Asthma**  
Mario Castro, MD, MPH
- 12:18 pm **Questions and Discussion**
- 12:30 pm **Adjourn**

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Discuss the definition and pathogenesis of non-Th2 asthma.
- Recognize available treatments for non-Th2 asthma, including biologic therapies.
- Demonstrate the ability to counsel patients with non-Th2 asthma.



# Monday General Sessions

11:15 am – 12:30 pm • Room M108-M111  
Kentucky International Convention Center

Interdisciplinary Panel

## Infections, Microbiome and Bacteriotherapies in Atopic Dermatitis

Moderators: *Kelly M. Maples, MD, FACAAl; and  
Fatima S. Khan, MD, FACAAl*

Reduced levels of antimicrobial molecules in the skin can increase the risk of infection. Experts will discuss the management of infections and complications and summarize the introduction of potential skin bacteriotherapies.

**Track:** [Dermatology](#)

- 11:15 am **Welcome and Introductions**  
Kelly M. Maples, MD, FACAAl; and  
Fatima S. Khan, MD, FACAAl
- 11:18 am **Infectious Complications**  
Peck Y. Ong, MD, FACAAl
- 11:38 am **Management of Infections**  
Juri Boguniewicz, MD
- 11:58 am **Role of the Microbiome and Use of  
Bacteriotherapies**  
Ian A. Myles, MD, MPH
- 12:18 pm **Questions and Discussion**
- 12:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Recognize different infectious complications in atopic dermatitis.
- Treat common infectious complications in atopic dermatitis.
- Explain potential skin bacteriotherapies in atopic dermatitis.

12:30 pm

**2022 Annual Scientific Meeting Adjourns**

*Thank you for joining us!*

**Join us next year in Anaheim, Nov. 9-13, 2023!**



# Fellows-in-Training Program

All Fellows-in-Training are encouraged to participate in the following special activities designed to meet their unique needs and interests. Friday's FIT Business Meeting includes the presentations and election of the 2022–2023 Junior Fellow-in-Training representative to the ACAAI Board of Regents. All the activities shown on this page, as well as all general sessions, are complimentary.

## Friday, November 11

FIT Integrated Educational Program  
& Business Meeting

Innovation Out of the Gate –  
“There’s a Way to Do It Better –  
Find It” (Thomas Edison) **ARS**

4:30 – 6:00 pm • Room M104-M107  
Kentucky International Convention Center

See page 46 for session details

## President’s Welcome Reception

6:00 – 7:30 pm  
Churchill Downs

*Supported by Aimmune Therapeutics*

See page 46 for more details

## Saturday, November 12

Fellows-in-Training and  
Allergy/Immunology  
Program Directors’ Breakfast

Registration Required • (FITs and TPDs only)

6:15 – 7:15 am • Ballroom DE  
Kentucky International Convention Center

*Supported by ALK-Abelló, Inc.*

## Doctors’ Job Fair

11:30 am – 3:00 pm • Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center

## 31st Annual FIT Bowl Competition

5:30 – 7:30 pm • Commonwealth Ballroom (Level 2)  
Omni Louisville Hotel

*Supported by DBV Technologies*

See page 60 for more details

## Sunday, November 13

Fellows-in-Training and  
Allergy/Immunology  
Program Directors’ Luncheon

Registration Required • (FITs and TPDs only)

11:30 am – 1:00 pm • Marriott Ballroom Salon VI  
Louisville Marriott Downtown Hotel

*Supported by Stallergenes Greer*

# Friday Allied Health Professionals Workshop

3:00 – 4:30 pm • Room M105-M106 • Kentucky International Convention Center

Separate Registration • Admission by Ticket Only

Allied Health and Advanced Practice Program registrants only. Fee \$50. • Limit 24.

## Hands-on Workshop (AHP)

### The Use of Case Simulation for the Education of Allergy Emergencies – Spotlight on Anaphylaxis

Moderator: Marcella R. Aquino, MD, FAAAAI

Participants will learn to identify and treat infantile and adult anaphylaxis. Additionally, participants will gain first-hand knowledge of the use of simulation for office drills/preparedness of systemic reactions/anaphylaxis in allergy practices. Each participant will experience one pediatric and one adult encounter.

**Track:** Rhinitis / Sinusitis / Ocular and Anaphylaxis

**3:00 pm Welcome and Introductions**

Marcella R. Aquino, MD, FAAAAI

**3:03 pm Introduction to Anaphylaxis Simulation**

Marcella R. Aquino, MD, FAAAAI

**3:15 pm Hands-on Training**

*Trainers:*

Stephanie L. Mawhirt, DO, FAAAAI

Rebecca R. Saff, MD, PhD

Marcella R. Aquino, MD, FAAAAI

Linda Brown, MD, MSCE

**4:30 pm Adjourn**

**Learning Objectives**

Upon completion of this session, participants should be able to:

- Recognize anaphylaxis in infant and adult patients via the use of high-fidelity simulator.
- Manage anaphylaxis in infants and adult patients.
- Identify simulation as a modality for office preparedness of anaphylaxis.

4:45 – 6:00 pm

**Advanced Practice, Allied Health and Office Administrators Networking Reception**

Commonwealth Ballroom Salon 3 (Level 2)

Omni Louisville Hotel

*Supported by Aimmune Therapeutics*



# Saturday Allied Health Professionals Course

10:00 am – 4:30 pm • Room M112 • Kentucky International Convention Center

## Allied Health Professionals Course

Separate Registration • Admission by Ticket Only

You must be registered for the Annual Scientific Meeting to participate in the Allied Health Professionals Course.

10:00 – 11:30 am • Room M112  
Kentucky International Convention Center

## A Focus on Patient Education

Moderator: Lisa B. Rosenberg, MEd, MSW, LCSW

This lightning-fast session will discuss targeted educational points regarding various allergic diseases which should be part of every allergy provider's toolkit.

- 10:00 am **Welcome and Introductions**  
Lisa B. Rosenberg, MEd, MSW, LCSW
- 10:05 am **Immunology**  
Brenda L. Snyder, APRN, CPNP
- 10:16 am **Asthma**  
Kristen K. Welborn, MSN, APRN, FNP-BC
- 10:27 am **Anaphylaxis**  
Jodi A. Shroba, MSN, APRN, CPNP
- 10:38 am **Atopic Dermatitis**  
Anil Nanda, MD, FAAAAI
- 10:49 am **Formulas for Milk and Soy Allergies**  
Raquel Z. Durban, MS, RD, CSP, LDN
- 11:00 am **Anxiety and Allergic Disease**  
Tamara Hubbard, MA, LCPC
- 11:11 am **Combating Medical Misinformation**  
David R. Stukus, MD, FAAAAI
- 11:22 am **Questions and Discussion**
- 11:30 am **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Review key educational messages for the patient with an immune deficiency.
- Review key educational messages for the patient with asthma.
- Review key educational messages for the patient with a history of anaphylaxis.
- Review key educational messages for home care of the patient with atopic dermatitis.
- Review key educational messages for parents managing their children with milk and soy allergies.
- Review key educational messages for the management of anxiety in the patient with allergic disease.
- Review key educational messages for patient in the fight against medical misinformation.

11:30 am – 1:00 pm  
**Visit Exhibits • Lunch (On Own)**  
Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center

11:35 am – 1:00 pm  
**ePosters – Meet the Authors:  
Session 2**  
Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center  
(See page 14 for details)  
*Supported by Sanofi and Regeneron*

NOT FOR CREDIT

11:35 am – 1:00 pm  
**Product Theaters**  
Exhibit Hall (Upper Concourse)  
Kentucky International Convention Center  
(See pages 86-87 for details)

NOT FOR CREDIT

1:00 – 2:30 pm  
**Breakout Sessions**  
(See next page for details)

Continues on next page

# Saturday Allied Health Professionals Course

## Saturday Breakout Sessions: 1:00 – 2:30 pm

1:00 – 2:30 pm • Room M113  
 Kentucky International Convention Center  
 Seats available on a first come, first served basis.  
 Limit 36.

### “Am I Doing This Right?”

Moderator: Tara Doran, RN, BSN, MHA

- 1:00 pm **Welcome and Introductions**  
 Tara Doran, RN, BSN, MHA
- Table 1 Patch Testing (From proper application to interpretations and avoidance recommendations)**  
 Abby L. Allen, RN, NP
- Table 2 Spirometry (Review of latest ATS guidelines)**  
 Michelle R. Dickens, RN, FNP-C, AE-C
- Table 3 Punch Biopsy (from consent to procedure)**  
 David R. Weldon, MD, FACAAI
- Table 4 Food Challenges: Tips and Tricks**  
 Maria G. Crain, APRN, CPNP
- 2:30 pm **Adjourn**

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Describe proper application of patch testing.
- Summarize the highlights of the 2019 update to the ATS spirometry guidelines.
- Review the steps for obtaining a punch biopsy. Explore tips for successful food challenges.

1:00 – 2:30 pm • Room M112  
 Kentucky International Convention Center

### Anaphylaxis In and Out of the Office

Moderator: Kimberly G. Clay, RN, MSN, APRN, FNP-BC

The key to surviving anaphylaxis is preparation, both in the allergist’s office and for patients who experience a reaction outside of the office. This session will review evidence-based strategies to improve patient outcomes in the face of a life-threatening allergic reaction.

- 1:00 pm **Welcome and Introductions**  
 Kimberly G. Clay, RN, MSN, APRN, FNP-BC
- 1:03 pm **What Is Anaphylaxis? Review of the Pathophysiology**  
 Stephanie L. Mawhirt, DO, FACAAI
- 1:20 pm **Review of Guidelines to Document and Manage Anaphylaxis in the Office**  
 Anne K. Ellis, MD, MSc, FACAAI
- 2:00 pm **Anaphylaxis Out of the Office (Plans, Patient Education, etc.)**  
 Bryan L. Martin, DO, FACAAI
- 2:20 pm **Questions and Discussion**
- 2:30 pm **Adjourn**

#### Learning Objectives

Upon completion of this session, participants should be able to:

- Review the pathophysiology of anaphylaxis.
- Explore the guidelines for management of anaphylaxis in the office.
- Assemble resources for patients for the management of anaphylaxis outside the medical office.

2:30 – 3:00 pm

#### Ice Cream and Refreshment Break in Exhibit Hall

Exhibit Hall (Upper Concourse)  
 Kentucky International Convention Center

*Supported by AstraZeneca*

2:35 – 3:00 pm

#### Product Theaters

Exhibit Hall (Upper Concourse)  
 Kentucky International Convention Center  
 (See pages 87-88 for details)



2:35 – 3:00 pm

#### ePosters – On Demand Viewing

Exhibit Hall (Upper Concourse)  
 Kentucky International Convention Center

*Supported by Sanofi and Regeneron*





# Saturday Allied Health Professionals Course

3:00 – 4:30 pm • Room M112 • Kentucky International Convention Center

## Atopic Dermatitis 2.0 ARS

Moderator: Michelle R. Dickens, RN, FNP-C, AE-C

Go more than skin deep in a fun, quiz style session on the diagnosis and management of atopic dermatitis.

3:00 pm **Welcome and Introductions**  
Michelle R. Dickens, RN, FNP-C, AE-C

### Faculty

Ashlee Law, PA-C  
Abby L. Allen, RN, NPI

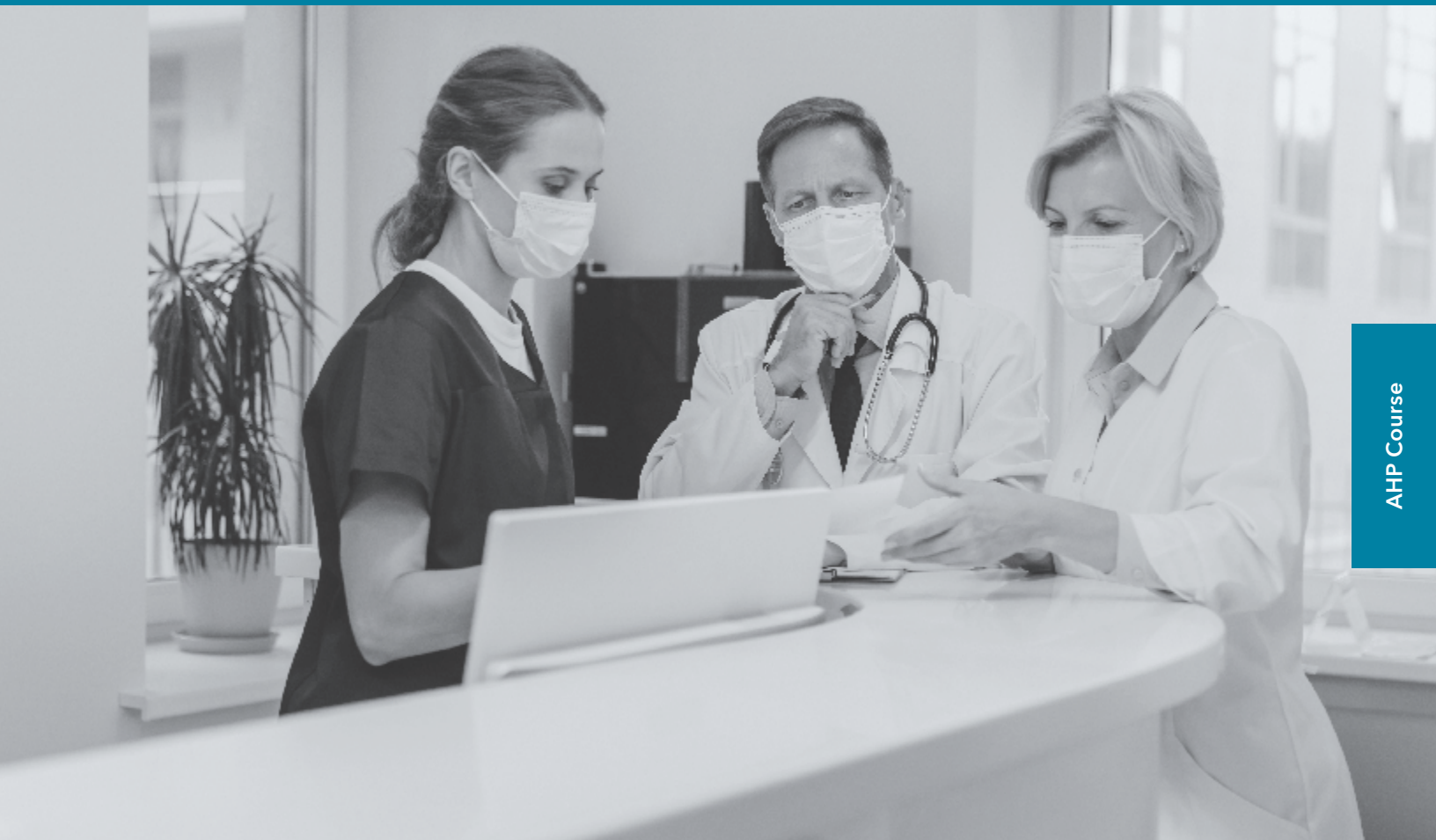
4:20 pm **Questions and Discussion**

4:30 pm **Adjourn**

### Learning Objectives

Upon completion of this session, participants should be able to:

- Review treatment options from old classics such as skin care routine to new approved therapies.



# Non-CME Corporate Forums

Following the close of Thursday, Friday and Saturday's scientific sessions, all registrants are invited to attend the special Corporate Forums at the Omni Louisville Hotel. Corporate Forums are non-CME promotional symposia organized by industry and designed to enhance your learning experience.

NOT FOR CREDIT

Thursday, Nov. 10

6:30 – 8:30 pm

Olmsted Ballroom Salons 1-3 (Level 2)  
Omni Louisville Hotel

## Type 2 Inflammation Challenge: Test Your Knowledge

*Supported by Sanofi and Regeneron*

*Presented by:*

Gregory Bensch, MD  
Cedric "Jamie" Rutland, MD

Are you an expert on Type 2 inflammation? Let's find out! Join us and put your knowledge of Type 2 inflammation to the test against your peers while learning about a treatment option for appropriate patients with certain Type 2 inflammatory diseases.

**Also visit Sanofi and Regeneron at Booth #1107.**

Thursday, Nov 10

6:30 – 8:30 pm

Olmsted Ballroom Salons 5-7 (Level 2)  
Omni Louisville Hotel

## The Impact of Eosinophils in Eosinophilic Esophagitis

*Supported by AstraZeneca*

*Presented by:*

Jonathan Spergel, MD, PhD

At this session, explore how eosinophils contribute to chronic inflammation in eosinophilic esophagitis (EoE). Chronic eosinophilic inflammation can lead to a myriad of symptoms that may impact patient quality of life. Join a discussion on the role of eosinophils in EoE and the importance of understanding esophageal inflammation.

**Also visit AstraZeneca at Booth #815.**

6:30 – 8:30 pm

Olmsted Ballroom Salon 4 (Level 2)  
Omni Louisville Hotel

## Plasticity of the Allergic Toddler Immune System: From Bench to Bedside

*Supported by Aimmune Therapeutics*

*Presented by:*

Professor Gideon Lack, MD  
Brian Vickery, MD  
Amy Scurlock MD  
Erik Wambre, PhD

The opportunity to prevent and/or modify the allergic immune response may be greater in atopic toddlers than in older children. This symposium will review both the current state of knowledge of relevant immune mechanisms as well as clinical trial data exploring the effects of intervention in this age group.

**Also visit Aimmune Therapeutics at Booth #1223.**

Friday, Nov. 11

8:00 – 10:00 pm

Olmsted Ballroom Salon 4 (Level 2)  
Omni Louisville Hotel

## Exploring Difficult-to-Treat Asthma: A Series of Case-Based Discussions

*Supported by GSK*

*Presented by:*

Brian Modena, MD, MSc  
Diego Maselli, MD

Join experts for an interactive discussion and review of clinical challenges presented by uncontrolled, difficult-to-treat and severe asthma, often complicated by comorbidities. Case discussions will review clinical presentation and evidence-based guidelines to improve understanding of when to optimize inhaled therapy versus add a biologic to improve patient outcomes.

**Also visit GSK at Booth #835.**

*Continues on next page*

# Non-CME Corporate Forums

Following the close of Thursday, Friday and Saturday's scientific session, all registrants are invited to attend the special Corporate Forums at the Omni Louisville Hotel. Corporate Forums are non-CME promotional symposia organized by industry and designed to enhance your learning experience.

NOT FOR CREDIT

Friday, Nov. 11

8:00 – 10:00 pm

Olmsted Ballroom Salons 5-7 (Level 2)  
Omni Louisville Hotel

**Mild-to-Moderate Atopic Dermatitis  
Clinical Gallery: An Interactive, Non-CME,  
Promotional Poster Presentation**

*Supported by Incyte Corporation*

*Presented by:*

Gregory Bensch, MD  
Marc Serota, MD

Join Gregory Bensch, MD; Marc Serota, MD; and Incyte for an interactive, non-CME promotional poster presentation to learn more about a topical treatment option and how it could help your patients. You will engage directly with the experts in this presentation format. We look forward to seeing you at Incyte's promotional session.

**Also visit Incyte Corporation at Booth #445.**

8:00 – 10:00 pm

Olmsted Ballroom Salons 1-3 (Level 2)  
Omni Louisville Hotel

**Pathophysiology of Inflammation  
in Atopic Dermatitis**

*Supported by Sanofi and Regeneron*

*Presented by:*

Dareen D. Siri, MD  
Gregory Puglisi, MD

Come learn more about the pathophysiology of inflammation in atopic dermatitis.

**Also visit Sanofi and Regeneron at Booth #1107.**

Saturday, Nov. 12

7:45 – 9:45 pm

Olmsted Ballroom Salons 5-7 (Level 2)  
Omni Louisville Hotel

**Challenging AD Expectations: A Therapy Option  
That Challenges Treatment Goals for Patients  
With Refractory, Moderate-to-Severe Atopic  
Dermatitis (AD) Who Are Not Adequately  
Controlled With Other Systemic Drug Products**

*Supported by AbbVie*

*Presented by:*

Lawrence Eichenfield, MD  
Bob Geng, MD

Please join us for an engaging, expert-led discussion on the latest data for patients with moderate-to-severe atopic dermatitis.

**Also visit AbbVie at Booth #729.**

7:45 – 9:45 pm

Olmsted Ballroom Salon 4 (Level 2)  
Omni Louisville Hotel

**Leveling the Playing Field for All Patients With  
Severe Asthma: Directing New Treatment  
Approaches at the Airway Epithelium**

*Supported by AstraZeneca*

*Presented by:*

Juan Carlos Cardet, MD  
Geoffrey L. Chupp, MD

Our unique 'How I Think, How I Treat' instructional format offers a personal look at how experts apply evidence-based guidelines and translate new data when treating patients with severe asthma. The immunology of the epithelial alarmin TSLP provides a novel approach, with a goal of reducing and preventing disease progression.

**Also visit AstraZeneca at Booth #815.**

Continues on next page

# Non-CME Corporate Forums

Following the close of Thursday, Friday and Saturday's scientific session, all registrants are invited to attend the special Corporate Forums at the Omni Louisville Hotel. Corporate Forums are non-CME promotional symposia organized by industry and designed to enhance your learning experience.

NOT FOR  
CREDIT

Saturday, Nov. 12

7:45 – 9:45 pm

Olmsted Ballroom Salons 1-3 (Level 2)  
Omni Louisville Hotel

## Moderate-to-Severe Asthma: Solutions for Gaining Control Using Phenotypic Presentations

*Supported by Sanofi and Regeneron*

*Presented by:*

Michael E. Wechsler, MD, MMSc (Chair)

Leonard B. Bacharier, MD

Bradley E. Chipps, MD

Sandhya Khurana, MD

Join us for an interactive dinner forum featuring case discussions and gaming to learn about the pathophysiology and best practices for accurate diagnosis and treatment selection for moderate to severe asthma.

**Also visit Sanofi and Regeneron at Booth #1107.**



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# Alliance of the ACAAI Program

The Alliance of the American College of Allergy, Asthma & Immunology hosts a variety of social events and programs for registered spouses and guests throughout the Annual Meeting. The following presentations/programs for Alliance Members and participating spouses/guests are scheduled to take place during the meeting. The Alliance programs will be held at the Omni Louisville Hotel.

## Alliance Hospitality Suite

8:00 – 10:30 am • Commonwealth Ballroom Salons 2 & 3 (Level 2) • Omni Louisville Hotel  
Friday through Sunday, November 11 – 13

Registered spouses and guests are invited to start the day with a visit to the hospitality suite. It's a perfect way to connect with old friends and meet new ones.

### Friday, November 11

#### **Kentucky Derby History** 8:30 – 9:30 am

Join us to learn about the history of the Kentucky Derby and historic Churchill Downs. You'll also have the opportunity to work with a millinery designer to create a "Derby Hat" to wear to Friday evening's "President's Welcome Reception" at Churchill Downs.

#### **Field Trip to Stoneware and Co.**

A guided tour of one of the oldest stoneware companies in the United States, Stoneware and Co., which was founded in 1815. Be sure to visit the gift shop for stoneware and other exquisite local products, then join us for lunch at the adjacent "The Café" in Paristown Point.

### Saturday, November 12

#### **Little Mount Lavender With Jason Woodlief** 8:30 – 9:30 am

Join Jason Woodlief, the owner of Little Mount Lavender, who will talk about the organic lavender he grows and all the products he has produced. The company works hard to support local and state ingredient suppliers, artisans, and artists.

#### **The History of Bourbon With Michael Veach** 9:30 – 10:30 am

Bourbon Veach LLC owner and Kentucky Bourbon Hall of Fame member Michael Veach joins us to discuss the rich history of bourbon.

#### **Field Trip Lunch With Lelia** 11:00 am

Alliance President Lelia Sublett has planned a six-course luncheon at her historic home in Anchorage, KY. She will go over each recipe in detail and you will receive a copy of the recipes to take home. Lelia is an extremely knowledgeable chef and has been teaching a cooking class for the University of Louisville's Women's Organization for nearly 20 years.

### Sunday, November 13

#### **Author GT Hawkins** 8:30 – 9:30 am

GT Hawkins is the author of *Lake House Cabal*, *The Cabal Lives* and *The Cabal Legacy*. GT has a law degree and has traveled the world in his profession. You will enjoy hearing how the story developed into three books

#### **Alliance Kids:**

#### **Author Virginia Davis** 9:30 – 10:30 am

Virginia Davis has published two children's books, *The Irises Secret* and *The Flowers on Apple Hill*. She also created her own publishing company, Kabewi Publications. You will have an opportunity to hear her story and purchase her books at the Hospitality Suite.

#### **Alliance Luncheon** Noon – 3:00 pm **Registration Required • Fee: \$30**

Spouses and Alliance members are invited to attend the Alliance Luncheon to be held at The Seelbach Hilton Hotel.

## About the Alliance

### Who We Are

The Alliance is a component of the American College of Allergy, Asthma & Immunology. We are composed of men and women dedicated to bringing our members into a more active affiliation with the educational and cultural mission of the College by establishing scholarships and travel grants for young ACAAI investigators.

# Product Theaters

NOT FOR CREDIT

These are commercial presentations conducted by exhibiting companies in specially constructed theaters on the exhibit floor. There are **four Product Theaters located in the Exhibit Hall (Upper Concourse) of the Kentucky International Convention Center** where a limited number of 25-minute and 85-minute sessions will be presented each day during the refreshment and lunch breaks. Product theaters are non-CME forums organized by industry and designed to enhance your learning experience.

Saturday, 9:35 – 10:00 am



## Exploring Severe Eosinophilic Asthma: A Case-based Approach

**Supported by AstraZeneca**

*Presented by: Priya Bansal, MD*

AstraZeneca invites you to investigate the role of eosinophils in severe eosinophilic asthma. An interactive case-based presentation will be used to help attendees recognize eosinophilic asthma in clinical practice and connect eosinophilic inflammation to asthma exacerbations, reduced lung function, and the need for steroid bursts. Attendees will learn about a targeted approach for addressing eosinophils in the treatment of severe eosinophilic asthma.

**Also visit AstraZeneca at Booth #815.**



## Clinical Evidence for the Selection of Inhaled Triple Therapy for the Management of Adults With Asthma

**Supported by GSK**

*Presented by:  
Autumn Burnette, MD*

Join an expert panel of allergists to discuss treatment approaches in patients with asthma who remain symptomatic on ICS/LABA therapy. Practical approaches to identify these patients will be discussed, along with the latest evidence for the use of triple therapy for the maintenance treatment of adult patients with asthma.

**Also visit GSK at Booth #835.**

Saturday, 9:35 – 10:00 am



## Evolution of the Prevention and Treatment of Peanut Allergy in Young Children

**Supported by DBV Technologies**

*Presented by:  
Professor Gideon Lack, MD  
J. Andrew Bird, MD*

This program will focus on evidence from prevention and treatment studies of peanut allergy in young children. Additionally, panelists will discuss how a greater understanding of the immune response to peanut in infants and toddlers may impact current and future clinical practice.

**Also visit DBV Technologies at Booth #804.**

Saturday, 11:35 am – 1:00 pm



## TEZSPIRE (tezepelumab-ekko): A Clinical Overview

**Supported by Amgen and AstraZeneca**

*Presented by:  
Katharine Woessner, MD*

Please join Amgen and AstraZeneca as they share a different approach that may shift your point of view. Our expert will cover the efficacy and safety data and how it may apply in clinical practice.

**Also visit Amgen and AstraZeneca at Booth #1023.**



# Product Theaters

NOT FOR CREDIT

These are commercial presentations conducted by exhibiting companies in specially constructed theaters on the exhibit floor. There are **four Product Theaters located in the Exhibit Hall (Upper Concourse) of the Kentucky International Convention Center** where a limited number of 25-minute and 85-minute sessions will be presented each day during the refreshment and lunch breaks. Product theaters are non-CME forums organized by industry and designed to enhance your learning experience.

Saturday, 11:35 am – 1:00 pm



## Join Pfizer: Learn About an Oral RX Treatment for Moderate-to-Severe Atopic Dermatitis

*Supported by Pfizer, Inc.*

CIBINQO™ (abrocitinib) for adults with refractory, moderate-to-severe atopic dermatitis. Pfizer Inc., invites you to an engaging, non-CME, educational program during which an atopic dermatitis expert will discuss the efficacy and safety profile of this treatment option, helping you determine its appropriateness for your patients. Full PI available at CIBINQOPI.com.

**Also visit Pfizer, Inc. at Booth #1016.**



## Preventing HAE Attacks With an Oral Therapy: Clinical Insights and Real-World Experience

*Supported by BioCryst Pharmaceuticals, Inc.*

*Presented by:*  
Mark Davis-Lorton, MD

Join us as a leading expert in HAE discusses an oral therapy to prevent HAE attacks. Learn about the efficacy and safety of this treatment, how it can be initiated in patients, including important considerations for switching from other prophylactic agents, and real-world experience.

**Also visit BioCryst Pharmaceuticals, Inc. at Booth #1049.**

Saturday, 11:35 am – 1:00 pm



## Evolving Science of IgE

*Supported by Genentech, a member of the Roche Group*

*Presented by:*  
Dennis Ledford, MD  
Syed Mustafa, MD

This Trivia Challenge is a fun, interactive way to reinforce the importance of targeting IgE in allergic asthma and nasal polyps. The game show format allows conference attendees to compete while they learn about the evolving science of IgE.

**Also visit Genentech, a member of the Roche Group at Booth #823.**

Saturday, 2:35 – 3:00 pm



## Unburdening Asthma: Simple Insights Into a Challenging Problem

*Supported by AstraZeneca*

*Presented by:*  
Autumn Burnette, MD

This overview of asthma in the United States acknowledges the burden of disease and explores a potential window of opportunity to identify and address asthma exacerbations.

**Also visit AstraZeneca at Booth #815.**

Continues on next page

# Product Theaters

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Saturday, 2:35 – 3:00 pm



## Navigating Complex Cases in Rare Eosinophilic Diseases: EGPA and HES

**Supported by GSK**

Presented by:  
Thanai Pongdee, MD

Eosinophilic granulomatosis with polyangiitis (EGPA) and hypereosinophilic syndrome (HES) are rare eosinophilic disorders that present similarly and present a diagnostic challenge. Join an expert allergist-immunologist for an interactive, case-based discussion that will highlight the role of multidisciplinary collaboration in facilitating and expediting the diagnosis and management of these heterogeneous diseases.

**Also visit GSK at Booth #835.**



## A Treatment for Children With Uncontrolled Moderate-to-Severe Atopic Dermatitis

**Supported by Sanofi and Regeneron**

Presented by:  
Marc Serota, MD

Learn more about a treatment that may help appropriate children with uncontrolled moderate-to-severe atopic dermatitis.

**Also visit Sanofi and Regeneron at Booth #1107.**

Saturday, 2:35 – 3:00 pm



## Hiding in Plain Sight: Inborn Errors of Immunity (IEI)

**Supported by by Pharming Group NV**

Presented by:  
Jason Raasch, MD

While each IEI is rare, as a group of diseases, they are not rare. If you haven't seen one yet, you almost certainly will. How will you spot them? In this changing landscape, accurate diagnosis is key and may alter your management, which could mean comanaging care or changing treatment.

**Also visit Pharming Group NV at Booth #1234.**

Sunday, 9:35 – 10:00 am



## Challenges Associated With Respiratory Viral Infections in Patients With Primary Immunodeficiency: An Expert Discussion & Real-World Experience

**Supported by ADMA Biologics**

Presented by:  
Bob Geng, MD

The expert discussion will focus on the challenges associated with respiratory viral infections and key considerations for managing patients with primary immunodeficiency. ASCENIV™, an approved IVIG with a unique composition will be introduced, including real-world experience.

**Also visit ADMA Biologics at Booth #954.**

# Product Theaters

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Sunday, 9:35 – 10:00 am



## Optimizing Topical Treatment of Nasal Polyposis: Role of XHANCE in Stepped Care

**Supported by Optinose**

Presented by:  
Dareen Siri, MD

Identify key differentiating features of the Exhalation Delivery System™, reviewing efficacy and safety data for XHANCE. Discuss the treatment algorithm for nasal polyps, and use of XHANCE for: patients whose symptoms do not resolve with a standard nasal steroid spray; optimizing topical treatment before escalating care; and medical management post-surgery.

**Also visit Optinose at Booth #435.**



## Eosinophilic Esophagitis: Discover a New Treatment Option for Your Appropriate Patients

**Supported by Sanofi and Regeneron**

Presented by:  
Maya Devi Srivastava, MS, MD, PhD

Start your morning learning about an exciting new advancement in the treatment of eosinophilic esophagitis. An expert will walk us through clinical data, an example of an appropriate patient, and answer your questions.

**Also visit Sanofi and Regeneron at Booth #1107.**

Sunday, 11:35 am – 1:00 pm



## Systemic Mastocytosis: MASTering a Complex Disease

**Supported by Blueprint Medicines**

Presented by:  
David Kaufman, MD

Join as Dr. Kaufman discusses Systemic Mastocytosis and the critical role allergists/immunologists play in the diagnostic workup.

**Also visit Blueprint Medicines at Booth #405.**



## Choosing a Targeted Biologic for Your Patients With Severe Eosinophilic Asthma or Chronic Rhinosinusitis With Nasal Polyps: Considering Clinical Trial Data and Real-World Evidence

**Supported by GSK**

Presented by:  
Maeve O'Connor, MD

Join us for an expert-led discussion presenting clinical trial data and the latest real-world evidence for treating severe eosinophilic asthma with a targeted biologic treatment. You also will hear about the data supporting the use of a biologic treatment in chronic rhinosinusitis with nasal polyps (CRSwNP).

**Also visit GSK at Booth #835.**

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# Product Theaters

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Sunday, 11:35 am – 1:00 pm



## Type 2 Inflammation: Discussing the Clinical Implications of Uncontrolled Type 2 Inflammation

*Supported by Sanofi and Regeneron*

*Presented by:*  
Leonard B. Bacharier, MD

Spend your lunch break with us as we discuss the clinical relevance of Type 2 inflammation and the impact it may be having on your patients. Hear about the implications of uncontrolled Type 2 inflammation and atopic march in select diseases, including Asthma, Atopic Dermatitis, CRSwNP, EoE, and COPD.

*Also visit Sanofi and Regeneron at Booth #1107.*

Sunday, 11:35 am – 1:00 pm



## Integrating Digital Health Technology and Remote Patient Monitoring in Asthma Care

*Supported by Teva Pharmaceuticals*

*Presented by:*  
John Allen Meadows, MD  
Priya Bansal, MD

In this program, Dr. Meadows will discuss the use of objective data from the Digihaler System, including results from the first study of its kind, CONNECT 1. The program also will explore opportunities to integrate digital health and remote patient monitoring in a discussion led by Dr. Bansal.

*Also visit Teva Pharmaceuticals at Booth #923.*



# Exhibits

Exhibit Hall (Upper Concourse) • Kentucky International Convention Center

## Exhibit Hours:

2:00 – 6:00 pm, Friday  
9:00 am – 4:30 pm, Saturday  
9:00 am – 1:30 pm, Sunday

## Gold Partner

### AbbVie Commercial

Booth 843

*Product Category: Pharmaceuticals*

26525 N. Riverwoods Blvd.  
Mettawa, IL 60060  
Phone: (224) 358-7407  
Website: [abbvie.com](http://abbvie.com)  
Contact Name: Temple Daly  
Contact Email: [temple.daly@abbvie.com](mailto:temple.daly@abbvie.com)

AbbVie's mission is to discover and deliver innovative medicines that solve serious health issues today and address the medical challenges of tomorrow. We strive to have a remarkable impact on people's lives across several key therapeutic areas: immunology, oncology, neuroscience, eye care, virology, women's health and gastroenterology, in addition to products and services across its Allergan Aesthetics portfolio. For more information about AbbVie, please visit us at [www.abbvie.com](http://www.abbvie.com). Follow @abbvieon Twitter, Facebook, Instagram, YouTube and LinkedIn.

## Gold Partner

### AbbVie Medical Affairs

Booth 729

*Product Category: Pharmaceuticals*

1 North Waukegan Road  
North Chicago, IL 60064  
Phone: (847) 936-5626  
Website: [abbvie.com](http://abbvie.com)  
Contact Name: Tiziano DiPaolo  
Contact Email: [tiziano.dipaolo@abbvie.com](mailto:tiziano.dipaolo@abbvie.com)

AbbVie's mission is to discover and deliver innovative medicines that solve serious health issues today and address the medical challenges of tomorrow. We strive to have a remarkable impact on people's lives across several key therapeutic areas: immunology, oncology, neuroscience, eye care, virology, women's health and gastroenterology, in addition to products and services across its Allergan Aesthetics portfolio. For more information about AbbVie, please visit us at [www.abbvie.com](http://www.abbvie.com). Follow @abbvie on Twitter, Facebook, Instagram, YouTube, and LinkedIn.

### ADMA Biologics

Booth 954

*Product Category: Immunotherapy; Pharmaceuticals*

5800 Park of Commerce Blvd  
Boca Raton, FL 33487  
Phone: (201) 478-5552  
Website: [admabiologics.com](http://admabiologics.com)  
Contact Name: Chiraag Bhadana  
Contact Email: [cbhadana@admabio.com](mailto:cbhadana@admabio.com)

ADMA Biologics is an end-to-end commercial biopharmaceutical company committed to manufacturing, marketing and developing specialty plasma-derived products for the prevention and treatment of infectious diseases in the immune compromised and other patients at risk for infection. Our devotion to these underserved populations fuels us, and our hands-on approach to production and development sets us apart.

### Advocacy & Awareness for Immune Disorders Association (AAIDA)

Booth 637

*Product Category: Patient/Public Education; Physician Education*

6201 Fairview Road  
Suite 200  
Charlotte, NC 28210  
Phone: (704) 993-8389  
Website: [GoDoAaida.org](http://GoDoAaida.org)  
Contact Name: Lauren Dunlap  
Contact Email: [ldunlap@godoaaida.org](mailto:ldunlap@godoaaida.org)

Since 2017, AAIDA has been dedicated to patients living with immune dysregulation conditions with a focus on advocacy campaigns, educational initiatives and research opportunities. AAIDA also provides patients and healthcare providers assistance with insurance issues/denials and medication assistance programs available across the U.S. AAIDA's Vision is to propel research that will ultimately lead to cures for immune disorders.

\*First time exhibitors

# Exhibits

## Gold Partner

### Aimmune Therapeutics

Booth 1223

*Product Category: Immunotherapy; Pharmaceuticals*

800 Mariner Lane  
Suite 300  
Brisbane, CA 94005  
Phone: (628) 250-6842  
Website: [aimmune.com](http://aimmune.com)

Contact Name: Stacy Thompson  
Contact Email: [sthompson@aimmune.com](mailto:sthompson@aimmune.com)

Aimmune Therapeutics, a Nestlé Health Science Company, is a biopharmaceutical company developing and commercializing treatments for potentially life-threatening food allergies and other food-related conditions, including gastrointestinal conditions. Aimmune Therapeutics has one FDA- and EU-approved medicine for peanut allergy and other investigational therapies in development. For more information, please visit [www.aimmune.com](http://www.aimmune.com).

## Silver Partner

### ALK-Abelló, Inc

Booth 723

*Product Category: Allergy Extracts; Diagnostic Testing*

1700 Royston Lane  
Round Rock, TX 78664  
Phone: (512) 251-0037  
Website: [alk.net/us](http://alk.net/us)

Contact Name: Paul Ulrich  
Contact Email: [paul.ulrich@alk.net](mailto:paul.ulrich@alk.net)

ALK, Inc. is a global, research-driven pharmaceutical company focused on the prevention, diagnosis and treatment of allergies. Our products and services include SLIT-Tablets, Allergy Extracts, Penicillin Allergy Skin Testing, Diagnostic Controls, Skin Testing Systems, Sterile Empty Vials, Diluents, Syringes, Trays, and Patient Education Materials.

### Allergists For Israel

Booth 736

*Product Category: Non-Profit*

c/o Bernstein Allergy Group  
4665 E. Galbraith Road 2nd Floor  
Cincinnati, OH 45236  
Phone: (513) 673-7420  
Website: [allergists4israel.org](http://allergists4israel.org)  
Contact Name: Beth Goldfarb  
Contact Email: [afiadm@gmail.com](mailto:afiadm@gmail.com)

Allergists For Israel is a non-profit organization promoting collegiality, research and education by establishing an international network of Allergists and Immunologists to enhance communication and interaction with Israeli professional colleagues.

### Allergenis\*

Booth 523

*Product Category: Diagnostic Testing*

2801 Sterling Drive, Suite 200  
1601S  
Hatfield, PA 19440  
Phone: (402) 319-9826

Contact Name: Kristy Consalvo  
Contact Email: [kristy.consalvo@allergenis.com](mailto:kristy.consalvo@allergenis.com)

Allergenis specializes in the detection and management of life-threatening food allergies. Based on precision, data-driven diagnostics, Allergenis helps healthcare providers safely assess and monitor patients with food allergies and is amassing the world's largest database of phenotypic patient data derived from epitope mapping, clinical history, and patient-reported outcomes. Allergenis was founded via a collaboration with Hugh A. Sampson, M.D., Icahn School of Medicine at Mount Sinai. Allergenis owns and operates a CLIA-certified laboratory in Hatfield, Pennsylvania. For more information, visit [allergenis.com](http://allergenis.com).

\*First time exhibitors

# Exhibits

## Allergy & Asthma Network

Booth 635

*Product Category: Patient/Public Education; Websites*

8229 Boone Blvd.

Suite 260

Vienna, VA 22182

Phone: (703) 641-9595

Website: [allergyasthmanetwork.org](http://allergyasthmanetwork.org)

Contact Name: Marcela Gieminiani

Contact Email: [mgieminiani@allergyasthmanetwork.org](mailto:mgieminiani@allergyasthmanetwork.org)

Since 1985, Allergy & Asthma Network's mission is to ending needless death and suffering due to asthma, allergies and related conditions through outreach, education, advocacy and research. The organization's patient-centered philosophy makes a difference for all individuals and groups seeking disease management advice in friendly and cultural competent language. From a renovated website, newsletters, magazines, posters, special publications in English and Spanish and a Toll Free help line, Allergy & Asthma Network is committed to educate, raise awareness, develop and execute programs and services that guaranty diversity, inclusion and equal access for all.

## Allergy & Asthma Proceedings

Booth 855

*Product Category: Publications*

450 Veterans Memorial Pkwy

Suite 15

East Providence, RI 02914

Phone: (401) 331-2510

Website: [allergyandasthmaproceedings.com](http://allergyandasthmaproceedings.com)

Contact Name: Ginny Loiselle

Contact Email: [ginnyloiselle@oceansidepubl.com](mailto:ginnyloiselle@oceansidepubl.com)

Allergy & Asthma Proceedings is in its 43rd year of publishing state-of-the-art review articles and original manuscripts on allergy, asthma, and immunology. This bi-monthly, peer reviewed publication has an impact factor of 2.587, and a worldwide circulation of 5,000. The Journal of Food Allergy (USA) is in its 3rd year publication, offering insights on the topics of food allergy management and treatments. AAP and JFA are available in print and online through [www.Ingentaconnect.com](http://www.Ingentaconnect.com). For more information call 401-331-2510, email [subscriptions@oceansidepubl.com](mailto:subscriptions@oceansidepubl.com) for introductory offers, or visit [www.oceansidepubl.com](http://www.oceansidepubl.com).

## Allergy Partners, PLLC

Booth 625

*Product Category: Office Management; Physician Recruitment*

1978 Hendersonville Road

Suite 130

Asheville, NC 28803

Phone: (828) 277-1300

Website: [allergypartners.com](http://allergypartners.com)

Allergy Partners, PA is the nation's largest single-specialty practice specializing in allergic disease, asthma, and immunology. Our practice is comprised of 132 physicians in over 135 locations of service. We strive to be the leaders in the development and delivery of only the highest quality care for our patients. Allergy Partners' vast network of physicians promotes education, research, and innovation within the specialty and our care continuum includes telemedicine, centralized biologics, food OIT, outpatient specialty pharmacy, and environmental control products & services. Find out more!

## AllerVie Health

Booth 1147

*Product Category: Office Management; Physician Recruitment*

4975 Preston Park Blvd

Suite 800

Plano, TX 75093

Phone: (817) 253-2940

Website: [allervie.com](http://allervie.com)

Contact Name: Rachel Russell

Contact Email: [rrussell@allervie.com](mailto:rrussell@allervie.com)

AllerVie Health is a national network of board-certified allergists and immunologists partnering together for the advancement of patient care. Our providers are committed to establishing the allergy and immunology gold standard, expanding access to best-in-class care, and bringing relief and renewed vitality to the millions of Americans affected annually, many of whom live in underserved communities today. AllerVie is relentlessly dedicated to clinical excellence, creating an improved patient experience, and supporting the development of advanced allergy and immunology-focused therapeutics and treatment options. Visit [allervie.com](http://allervie.com) to learn more.

\*First time exhibitors

# Exhibits

## Altus Biologics

Booth 519

*Product Category: Immunotherapy; Office Management*  
11233 Shadowcreek Pkwy  
Suite 303  
Pearland, TX 77584  
Phone: (845) 518-4382  
Website: [altusbiologics.com/blog/](http://altusbiologics.com/blog/)  
Contact Name: Stephen Barnes  
Contact Email: [sbarnes@altusbiologics.com](mailto:sbarnes@altusbiologics.com)

Altus Biologics is a Biologics Management Organization. We partner with physicians across multiple specialties to provide comprehensive, in-office infusion and subcutaneous injection services allowing the physician to have full oversight of patient treatment. At Altus Biologics, we are committed to improving access, quality of care and affordability for all patients. We stand by our motto, "Treat each patient like family."

## Aluna

Booth 755

*Product Category: Spirometry; Technology*  
345 California Street  
Suite 700  
San Francisco, CA 94104  
Phone: (415) 320-0690  
Website: [alunacare.com/](http://alunacare.com/)  
Contact Name: Joseph Antonello  
Contact Email: [joe@alunacare.com](mailto:joe@alunacare.com)

Aluna is an award-winning at-home spirometer that helps patients with asthma take control of their lung health. Remote patient monitoring is a revolutionary way for doctors and patients to have a daily understanding of lung health, medication use, and exposure to environmental risk factors. The team is sharply focused on enabling the management of asthma and other chronic diseases by providing accurate and reliable data for healthcare providers and patients.

## American Board of Allergy & Immunology (ABAI)

Booth 751

*Product Category: Patient/Public Education; Physician Education*  
1835 Market Street  
Suite 1210  
Philadelphia, PA 19103  
Phone: (215) 592-9466  
Website: [ABAI.org](http://ABAI.org)  
Contact Name: Gina Capozzoli  
Contact Email: [gcapozzoli@abai.org](mailto:gcapozzoli@abai.org)

The ABAI was established in 1971 as a Conjoint Board of the ABIM and ABP. The internal medicine subspecialty existed from 1936-1971 and the pediatric subspecialty existed from 1944-1971. The ABAI is committed to working closely with its parent boards to maintain the highest educational and clinical standards in the specialty of allergy/immunology.

## Gold Partner

### Amgen/AstraZeneca

Booth 1023

*Product Category: Pharmaceuticals*  
1800 Concord Pike  
Wilmington, DE 19803  
Website: [tezspirehcp.com](http://tezspirehcp.com)

Amgen and AstraZeneca have partnered together to bring new and innovative science to an area where challenges still exist. The partnership leverages both companies' respective capabilities including AstraZeneca's extensive respiratory experience and Amgen's deep history in inflammatory diseases and bringing novel therapies to patients.

### ARS Pharmaceuticals, Inc.\*

Booth 543

*Product Category: Pharmaceuticals*  
11682 El Camino Real  
Suite 120  
San Diego, CA 92130  
Phone: (858) 771-9307  
Website: [ars-pharma.com](http://ars-pharma.com)  
Contact Name: Christopher Ginocchetti  
Contact Email: [chris@brandasset.management](mailto:chris@brandasset.management)

### Aspire Allergy & Sinus

Booth 808

*Product Category: Physician Recruitment*  
5929 Balcones Drive  
Suite 200  
Austin, TX 78731  
Phone: (210) 556-6131  
Website: [aspireallergy.com](http://aspireallergy.com)  
Contact Name: Stacy Silvers  
Contact Email: [drsilvers@aspireallergy.com](mailto:drsilvers@aspireallergy.com)

Aspire Allergy & Sinus is looking to acquire allergy practices across the U.S. We currently have 60 locations across 5 states and are looking to expand further. Aside from the opportunity to increase your earning potential, we help eliminate the frustrations of running a practice. We work with reputable physicians at various stages within their career. We are excited to share we will soon have openings in Colorado Springs, Orlando, and Tucson. Flexible employment opportunities are available to fit your needs. Current fellows and allergists in practice are encouraged to stop by and discuss what Aspire Allergy can offer you!

\*First time exhibitors



# Exhibits

## Platinum Partner

### AstraZeneca

Booth 443

*Product Category: Pharmaceuticals*  
1800 Concord Pike  
Wilmington, DE 19803  
Website: [astrazeneca-us.com](http://astrazeneca-us.com)

AstraZeneca is a global, science-led biopharmaceutical company that focuses on the discovery, development and commercialization of prescription medicines in Oncology and BioPharmaceuticals, including Cardiovascular, Renal & Metabolism, and Respiratory & Immunology. Based in Cambridge, UK, AstraZeneca operates in over 100 countries, and its innovative medicines are used by millions of patients worldwide. For more information, please visit [www.astrazeneca-us.com](http://www.astrazeneca-us.com) and follow us on Twitter @AstraZenecaUS.

## Silver Partner

### BioCryst Pharmaceuticals, Inc.

Booth 1049

*Product Category: Pharmaceuticals*  
4505 Emperor Blvd.  
Suite 200  
Durham, NC 27703  
Phone: (919) 226-5852  
Website: [biocryst.com](http://biocryst.com)  
Contact Name: Danielle Potteiger  
Contact Email: [dpotteiger@biocryst.com](mailto:dpotteiger@biocryst.com)

BioCryst is a biotech company committed to discovering novel, oral, small-molecule medicines that treat rare diseases in which significant unmet medical needs exist. We're dedicated to delivering extraordinary medicines that empower patients to live ordinary lives.

## Platinum Partner

### AstraZeneca

Booth 529

*Product Category: Pharmaceuticals*  
1800 Concord Pike  
Wilmington, DE 19803  
Website: [astrazeneca-us.com](http://astrazeneca-us.com)

## Platinum Partner

### AstraZeneca Pharmaceuticals, LP

Booth 815

*Product Category: Pharmaceuticals*  
1800 Concord Pike  
Wilmington, DE 19850-5437  
Phone: (800) 236-9933  
Website: [astrazeneca-us.com](http://astrazeneca-us.com)

AstraZeneca is a global, science-led biopharmaceutical company that focuses on the discovery, development and commercialisation of prescription medicines, primarily for the treatment of diseases in three main therapy areas – Oncology, Cardiovascular & Metabolic Diseases and Respiratory. The Company also is selectively active in the areas of autoimmunity, neuroscience and infection. AstraZeneca operates in over 100 countries and its innovative medicines are used by millions of patients worldwide. For more information, please visit [www.astrazeneca.com](http://www.astrazeneca.com) and follow us on Twitter @AstraZeneca.

## Blueprint Medicines

Booth 405

*Product Category: Pharmaceuticals*  
45 Sidney Street  
Cambridge, MA 02139  
Phone: (617) 374-7580  
Website: [blueprintmedicines.com](http://blueprintmedicines.com)  
Contact Name: Medical Information  
Contact Email: [medinfo@blueprintmedicines.com](mailto:medinfo@blueprintmedicines.com)

Blueprint Medicines is a global precision therapy company that aims to invent life-changing therapies for people with cancer and blood disorders. We are delivering approved medicines directly to patients in the United States and Europe, and we are globally advancing multiple programs for systemic mastocytosis, lung cancer and other genomically defined cancers, and cancer immunotherapy.

## BPL

Booth 614

*Product Category: Immunotherapy; Pharmaceuticals*  
302 E. Pettigrew Street  
Suite C-190  
Durham, NC 27701  
Phone: (919) 354-8386  
Website: [bpl-us.com](http://bpl-us.com)  
Contact Name: Vince Remsburger  
Contact Email: [vince.remsburger@bpl.co.uk](mailto:vince.remsburger@bpl.co.uk)

Bio Products Laboratory (BPL) has over 60 years of experience as a manufacturer of plasma-derived medicinal products. We provide a range of high-quality plasma derived therapies for the treatment of immune deficiencies, bleeding disorders, infectious diseases, and critical care conditions. We are committed to patients worldwide with rare and orphan diseases. To learn more about BPL visit us at [www.bpl-us.com](http://www.bpl-us.com).

\*First time exhibitors

# Exhibits

## Brevium

*Product Category: Computer Hardware/Software; Office Management*  
947 S. 500 E.  
Suite 250  
American Fork, UT 84003  
Phone: (801) 854-5424  
Website: [brevium.com](http://brevium.com)  
Contact Name: Trevor James  
Contact Email: [tjames@brevium.com](mailto:tjames@brevium.com)

Practices have thousands of inactive patients, though they need recare. Brevium finds these patients in your database and uses communication best practices to return them along with other active patients to the office, thus improving patient care, filling practice schedules, and increasing revenue.

## Chiesi Global Rare Diseases

*Product Category: Pharmaceuticals*  
One Boston Place  
Suite 4000  
Boston, MA 02108  
Website: [chiesirarediseases.com](http://chiesirarediseases.com)  
Contact Name: Kayleigh Scott  
Contact Email: [kayleigh.scott@chiesi.com](mailto:kayleigh.scott@chiesi.com)

Chiesi Global Rare Diseases is a business unit of the Chiesi Group established in February 2020 and focused on research and development of treatments for rare and ultra-rare disorders. The Global Rare Diseases unit works in collaboration with Chiesi Group to harness the full resources and capabilities of our global network to bring innovative new treatment options to people living with rare diseases, many of whom have limited or no treatments available. The unit is also a dedicated partner with global leaders in patient advocacy, research and patient care. For more information visit [chiesiglobalrarediseases.com/](http://chiesiglobalrarediseases.com/).

## Booth 628

## Cogent Biosciences\*

*Product Category: Other Clinical Trials; Pharmaceuticals*  
200 Cambridge Park Drive  
Suite 2500  
Cambridge, MA 02140  
Phone: (617) 945-5576  
Website: [cogentbio.com](http://cogentbio.com)  
Contact Name: Lora Marden  
Contact Email: [lora.marden@cogentbio.com](mailto:lora.marden@cogentbio.com)

Cogent Biosciences is a biotechnology company developing real solutions to treat genetically driven diseases. With a focus on the design of rational precision therapies, we are leveraging validated biology to address the true underlying drivers of disease and provide real hope for patients. We have ongoing clinical research programs in Systemic Mastocytosis and Gastrointestinal Stromal Tumors (GIST).

## Booth 856

## Booth 616

## College Resource Center

*Product Category: Physician Education*  
85 W. Algonquin Road  
Suite 550  
Arlington Heights, IL 60005  
Phone: (847) 427-1200  
Website: [acaai.org](http://acaai.org)  
Contact Name: Amy Romanelli  
Contact Email: [amyromanelli@acaai.org](mailto:amyromanelli@acaai.org)

Visit the College Resource Center to explore your ACAAI membership benefits. Learn more about College programs and resources for practicing allergists.

## Booth 901

## coVita\*

*Product Category: Diagnostic Equipment; Diagnostic Testing*  
212 Cottage Grove Avenue  
Suite C  
Santa Barbara, CA 93101  
Phone: (856) 457-8097  
Website: [covita.net](http://covita.net)  
Contact Name: Daniel Sibis  
Contact Email: [expos@covita.net](mailto:expos@covita.net)

For 45+ years, coVita has been providing breath analysis devices for medical applications, research and to improve public health. coVita's main focus is to bring to market simple to use, accurate, non-invasive diagnostic tools with innovative features. Our latest FDA cleared product, the NObreath® FeNO monitor aids in asthma management, shows patient adherence to treatment, aids in identifying patients who do/do not require on-going treatment, and in differentiating between allergic (eosinophilic) and non-allergic (non-eosinophilic) asthma. Stop by our booth to see why our FeNO monitor has the features you have been waiting for.

## Booth 1151

*\*First time exhibitors*

# Exhibits

## CSL Behring

*Product Category: Pharmaceuticals*

1020 First Avenue  
King of Prussia, PA 19406  
Phone: (800) 504-5434  
Website: [cslbehring.com](http://cslbehring.com)

CSL Behring is a global biotherapeutics leader driven by our promise to save lives. We meet patients' needs using the latest technologies to develop and deliver innovative therapies. The company offers a broad range of products in the industry for treating coagulation disorders, primary immune deficiencies, hereditary angioedema, respiratory disease, and chronic inflammatory demyelinating polyneuropathy (CIDP). CSL Behring's products are also used in cardiac surgery, burn treatment and to prevent hemolytic disease of the newborn.

**Booth 1035**

## CSL Behring Medical Affairs

*Product Category: Pharmaceuticals*

1020 First Avenue  
King Of Prussia, PA 19406  
Phone: (800) 504-5434  
Website: [cslbehring.com](http://cslbehring.com)

CSL Behring is a global biotherapeutics leader driven by our promise to save lives. We meet patients' needs using the latest technologies to develop and deliver innovative therapies. The company offers a broad range of products in the industry for treating coagulation disorders, primary immune deficiencies, hereditary angioedema, respiratory disease, and chronic inflammatory demyelinating polyneuropathy (CIDP). CSL Behring's products are also used in cardiac surgery, burn treatment and to prevent hemolytic disease of the newborn. For more information visit [www.cslbehring.com](http://www.cslbehring.com) and follow us on [www.Twitter.com/CSLBehring](http://www.Twitter.com/CSLBehring).

**Booth 834**

## CVS Specialty

*Product Category: Other Pharmacy*

1 CVS Drive  
Woonsocket, RI 02895  
Phone: (847) 224-0671  
Website: [cvshealth.com](http://cvshealth.com)  
Contact Name: Lindsay Nation  
Contact Email: [lindsay.nation@cvshealth.com](mailto:lindsay.nation@cvshealth.com)

Our commitment to helping patients and their physicians manage complex drug therapies by delivering expert individualized care and unmatched, multi-channel access has made us one of the leading specialty pharmacies in the country. We provide a full-range of pharmaceutical care, dispensing the latest FDA-approved medications.

**Booth 611**

## Cycle Pharmaceuticals Ltd

**Booth 1155**

*Product Category: Immunotherapy; Pharmaceuticals*

The Broers Building  
21 JJ Thomson Avenue  
Cambridge, CB30FA  
United Kingdom  
Phone: (508) 479-3058  
Website: [cyclepharma.com/](http://cyclepharma.com/)  
Contact Name: Zac Bohlen  
Contact Email: [zac.bohlen@cyclepharma.com](mailto:zac.bohlen@cyclepharma.com)

Cycle Pharmaceuticals was founded in 2012 with the sole aim of delivering best-in-class drug treatments and services to the under-served rare disease patient community. We focus on rare metabolic, immunological and neurological genetic conditions. Our patients typically require life-long treatment with life-saving medicine. Cycle's approach is to utilise the latest cutting-edge pharmaceutical technologies to deliver the required medicine with the minimum impact on daily routines and, just as importantly, to provide individualised support services to patients, families, carers and the healthcare professionals community. We are here to answer your questions and to help you. Every single patient matters.



*\*First time exhibitors*

# Exhibits

## Platinum Partner

### DBV Technologies

**Booth 804**

*Product Category: Immunotherapy; Pharmaceuticals*

106 Allen Road  
Suite 400  
Basking Ridge, NJ 07920  
Phone: (908) 679-5200

Website: [dbv-technologies.com](http://dbv-technologies.com)

Contact Name: Jeff Germani

Contact Email: [jeff.germani@dbv-technologies.com](mailto:jeff.germani@dbv-technologies.com)

DBV Technologies is a global biopharmaceutical company that is developing investigational epicutaneous immunotherapy (EPIT™) treatment options using our innovative technology platform, Viaskin™, for the millions of people suffering from life-threatening food allergies and other immunological disorders. Starting with peanut, we are investigating food allergy treatments that are designed to potentially reduce the risk of unpredictable, life-threatening reactions due to accidental exposure.

### EczemaWise\*

**Booth 708**

*Product Category: Health/Body Care; Technology*

505 San Marin Drive  
Suite B300  
Novato, CA 94945  
Phone: (415) 499-3474

Website: [eczemawise.org](http://eczemawise.org)

Contact Name: Isabelle Thibau

Contact Email: [isabelle@nationaleczema.org](mailto:isabelle@nationaleczema.org)

EczemaWise is a free app that helps patients manage their health and be more engaged in their care by tracking symptoms, triggers, and treatments, logging photos, and getting prepared for their doctor's visit. Based on science and designed with input from the eczema community and physicians, EczemaWise helps each individual make sense of their unique eczema.

### Else Nutrition\*

**Booth 710**

*Product Category: Dietary Products; Other Nutrition*

501 W Schrock Road  
Suite 200  
Westerville, OH 43081  
Phone: (614) 896-3124  
Website: [hcp.elsenutrition.com](http://hcp.elsenutrition.com)

Contact Name: Lila Smith

Contact Email: [lilas@elsenutrition.com](mailto:lilas@elsenutrition.com)

Else Nutrition is pioneering the childhood nutrition company with the first clean label, organic, whole plant based baby, toddler, and kids nutrition. Else Nutrition products are dairy free, soy free, gluten free, non-GMO, made with whole food ingredients that meet the highest standard of nutrition. Endorsed by leading global pediatricians and nutritionists, Else products are the optimal plant-based nutrition products for babies, toddlers, and kids, providing complete nutrition for optimum growth. Minimally processed and using the cleanest production process available, Else provides nutrition you can feel good about. Learn more at [www.hcp.elsenutrition.com](http://www.hcp.elsenutrition.com).

### Elsevier

**Booth 734**

*Product Category: Publications*

1600 John F. Kennedy Blvd.  
Suite 1600  
Philadelphia, PA 19103  
Phone: (215) 239-3900

Website: [us.elsevierhealth.com/](http://us.elsevierhealth.com/)

Contact Name: Melanie Spain

Contact Email: [m.spain@elsevier.com](mailto:m.spain@elsevier.com)

Elsevier is a world-leading provider of information solutions that enhance the performance of science, health, and technology professionals, empowering them to make better decisions, and deliver better care.

\*First time exhibitors

# Exhibits

## FARE (Food Allergy Research Education)

Booth 846

*Product Category: Patient/Public Education*

7901 Jones Branch Drive  
Suite 240  
McLean, VA 22102  
Phone: (800) 929-4040  
Website: [foodallergy.org](http://foodallergy.org)  
Contact Name: Nicole Faris  
Contact Email: [nfaris@foodallergy.org](mailto:nfaris@foodallergy.org)

FARE (Food Allergy Research and Education) is the nation's leading non-profit engaged in food allergy advocacy as well as the largest private funder of food allergy research. FARE's innovative education, advocacy and research initiatives transform the future of food allergy through new and improved treatments and prevention strategies, effective policies and legislation, and novel approaches to managing the disease. To learn more, visit: [www.foodallergy.org](http://www.foodallergy.org).

## Food Allergy & Anaphylaxis Connection Team (FAACT)

Booth 838

*Product Category: Patient/Public Education*

5512 Charleston Woods Drive  
Liberty Twp., OH 45044  
Phone: (815) 276-3015  
Website: [FoodAllergyAwareness.org](http://FoodAllergyAwareness.org)  
Contact Name: Eleanor Garrow-Holding  
Contact Email: [Eleanor.Garrow@FoodAllergyAwareness.org](mailto:Eleanor.Garrow@FoodAllergyAwareness.org)

FAACT's mission is to educate, advocate, and raise awareness for all individuals and families affected by food allergies and life-threatening anaphylaxis. Whether it's keeping children safe at school, responding to food allergy bullying, traveling, preparing for college, dealing with workplace issues, or simply taking the family out for dinner, FAACT has the facts you need to manage food allergies and stay healthy. FAACT is your home for education, advocacy, awareness, and connections – from newly diagnosed to long-time members of the allergy community – today, tomorrow, and into the future.

## Gold Partner

### Genentech

Booth 823

*Product Category: Pharmaceuticals*

1 DNA Way  
South San Francisco, CA 94080  
Phone: (201) 452-2476  
Website: [gene.com](http://gene.com)  
Contact Name: Marjan Mojaddadi  
Contact Email: [mojaddadi.marjan@gene.com](mailto:mojaddadi.marjan@gene.com)

For more than 40 years, we've been following the science, seeking solutions to unmet medical needs. As a proud member of the Roche Group, we make medicines to treat patients with serious medical conditions. We are headquartered in South San Francisco, California.

## Platinum Partner

### GlaxoSmithKline

Booth 835

*Product Category: Pharmaceuticals*

410 Blackwell Street  
Durham, NC 27701  
Phone: (888) 825-5249  
Website: [gsk.com](http://gsk.com)  
Contact Name: Pina Ogilvie  
Contact Email: [pina.ogilvie@impact-xm.com](mailto:pina.ogilvie@impact-xm.com)

GSK unites science, technology and talent to get ahead of disease together. We prevent and treat disease with vaccines, specialty and general medicines.

### Grifols USA, LLC

Booth 722

*Product Category: Immunotherapy; Pharmaceuticals*

2410 Lillyvale Ave.  
GUSA  
Los Angeles, CA 90032  
Phone: (323) 227-7630  
Website: [grifols.com/en/home](http://grifols.com/en/home)  
Contact Name: Janice Bays  
Contact Email: [grifols@mma-inc.com](mailto:grifols@mma-inc.com)

Grifols is a global healthcare company founded in Barcelona in 1909 committed to improving the health and well-being of people around the world. Its four divisions – Bioscience, Diagnostic, Hospital, and Bio Supplies – develop, produce, and market innovative solutions and services that are sold in more than 100 countries.

\*First time exhibitors

# Exhibits

## Healix Infusion Therapy

Booth 836

*Product Category: Office Management; Pharmaceuticals*  
14140 SW Freeway  
Suite 400  
Sugar Land, TX 77478  
Phone: (800) 422-2204  
Website: [healix.net/](http://healix.net/)  
Contact Name: Angie Wegman  
Contact Email: [awegman@healix.net](mailto:awegman@healix.net)

Healix® is the premier provider of simplified, custom clinical and business solutions helping providers insource patient care and internalize all revenue from their subcutaneous immune globulin (SCIg) patients. We offer pharmaceutical dispensing, clinical support, and revenue cycle services to optimize your resources and improve your efficiency. Our alignment with physicians is core to our business model. With over 300 infusion clinics across the country, we specialize in allergy, immunology, and pulmonology, as well as infectious disease, gastroenterology, neurology, and rheumatology.

## Helen of Troy/Kaz USA, Inc.

Booth 725

*Product Category: Equipment/Supplies; Technology*  
1 Helen of Troy Plaza  
El Paso, TX 79912  
Phone: (508) 490-7322  
Website: [honeywellpluggedin.com](http://honeywellpluggedin.com)  
Contact Name: Sonia LeBlanc  
Contact Email: [sleblanc@helenoftroy.com](mailto:sleblanc@helenoftroy.com)

Offering affordable, reliable, high quality HEPA filtration products for over 25 years.

## Hikma Specialty USA Inc

Booth 515

*Product Category: Pharmaceuticals; Physician Education*  
1809 Wilson Road  
Columbus, OH 43228  
Phone: (614) 241-4189  
Website: [hikma.com/us](http://hikma.com/us)  
Contact Name: Amy Wells  
Contact Email: [awells@hikma.com](mailto:awells@hikma.com)

At Hikma Specialty USA Inc., we create high-quality medicines and help make them available and affordable to the people who need them. Our customers and partners know they can depend on us to deliver innovative solutions that meet today's healthcare needs. Visit [hikma-specialty.com](http://hikma-specialty.com)

## HollisterStier Allergy

Booth 955

*Product Category: Allergy Extracts; Diagnostic Equipment*  
3525 N Regal Street  
Spokane, WA 99207-5796  
Phone: (800) 495-7437  
Website: [hsallergy.com](http://hsallergy.com)  
Contact Name: Karen Arndt  
Contact Email: [karen.arndt@jubl.com](mailto:karen.arndt@jubl.com)

## Horizon Therapeutics

Booth 704

*Product Category: Pharmaceuticals*  
1 Horizon Way  
Deerfield, IL 60015  
Phone: (314) 494-8271  
Website: [horizontherapeutics.com](http://horizontherapeutics.com)  
Contact Name: Jay Leslie  
Contact Email: [JLeslie@horizontherapeutics.com](mailto:JLeslie@horizontherapeutics.com)

Horizon is focused on researching, developing and commercializing medicines that address critical needs for people impacted by rare and rheumatic diseases. Our pipeline is purposeful: we apply scientific expertise and courage to bring clinically meaningful therapies to patients. We believe science and compassion must work together to transform lives. For more information on how we go to incredible lengths to impact lives, please visit <https://www.horizontherapeutics.com>.

## Immune Deficiency Foundation\*

Booth 624

*Product Category: Patient/Public Education; Physician Education*  
110 West Road  
Suite 300  
Towson, MD 21204  
Phone: (443) 377-7449  
Website: [primaryimmune.org](http://primaryimmune.org)  
Contact Name: Elizabeth Ferguson  
Contact Email: [eferguson@primaryimmune.org](mailto:eferguson@primaryimmune.org)

The Immune Deficiency Foundation improves the diagnosis, treatment, and quality of life of people affected by primary immunodeficiency through fostering a community empowered by advocacy, education, and research.

\*First time exhibitors

# Exhibits

## Gold Partner

### Incyte Corp.

**Booth 445**

*Product Category: Immunotherapy; Pharmaceuticals*

1801 Augustine Cut-off

Wilmington, DE 19803

Phone: (463) 203-9164

Website: incyte.com

Contact Name: Rick Rinderle

Contact Email: rrinderle@incyte.com

Incyte is a global biopharmaceutical company focused on finding solutions for serious unmet medical needs. In Dermatology, our research and development efforts are focused on a number of immune-mediated dermatologic conditions, including atopic dermatitis, vitiligo and hidradenitis suppurativa. Visit Incyte.com.

### Kaléo

**Booth 738**

*Product Category: Pharmaceuticals*

111 Virginia Street

Suite 300

Richmond, VA 23219

Website: kaleo.com

Contact Name: Jennifer Norman

Contact Email: jennifer.norman@kaleo.com

Kaléo is a pharmaceutical company dedicated to building innovative solutions that can help empower patients with certain serious, life-threatening medical conditions and their caregivers. Kaléo products combine established drugs with innovative delivery platforms, with the goal of achieving safety, efficacy and cost effectiveness. For more information, visit [www.kaleo.com](http://www.kaleo.com).

### Klara\*

**Booth 629**

*Product Category: Other Conversational Patient Engagement; Technology*

228 Park Avenue South

PMB 86397

New York, NY 10003-1502

Phone: (310) 968-2993

Website: klara.com

Contact Name: Francesca Belmer

Contact Email: f.belmer@klara.com

See how Klara revolutionizes the patient experience for Allergy, Asthma & Immunology practices by enabling you to stay connected with your patients, wherever they are. Our conversational patient engagement platform automates key touchpoints across your patient journey and transforms high call volume into efficient 2-way messaging, reducing the hours your staff spends on manual tasks. It's time to centralize your patient communication channels, decrease appointment no-shows, digitally collect important paperwork and increase patient retention (to name a few!) – all without additional strain on your staff. Improving your patient care and collaboration is as easy as texting.

### Lincoln Diagnostics, Inc.

**Booth 1141**

*Product Category: Diagnostic Testing*

P.O. Box 1128

Decatur, IL 62525

Phone: (217) 877-2531

Website: [Lincolndiagnostics.com](http://Lincolndiagnostics.com)

Contact Name: John Lenski Jr

Contact Email: [jlenski@lincolndiagnostics.com](mailto:jlenski@lincolndiagnostics.com)

Lincoln Diagnostics is displaying state-of-the-art, safety-engineered skin testing devices that meet all current OSHA requirements- Multi-Test® PC (Pain Control), UniTest® PC, Multi-Test® II, Multi-Test®, Duotip-Test® II, and Duotip-Test®. Please visit our exhibit to learn about Lincoln's devices' economic value and why they are the most widely used and most extensively published on devices available.

\*First time exhibitors

# Exhibits

## Medi Lazer

*Product Category: Pharmaceuticals; Technology*  
6950 W Via Olivero Avenue  
Suite 5  
Las Vegas, NV 89117  
Phone: (844) 556-3120  
Website: medilazer.net/  
Contact Name: Anna Stanceva  
Contact Email: info@medilazer.net

Medi Lazer provides a variety of laser and light therapy devices suitable for topical treatments of patients with severe allergies.

## Meditab Software, Inc. – Allergy HER

*Product Category: Computer Hardware/Software; Technology*  
8795 Folsom Blvd.  
Suite 205  
Sacramento, CA 95826  
Phone: (530) 852-0306  
Website: allergyehr.com  
Contact Name: Shameer Nalli  
Contact Email: shameern@meditab.com

AllergyEHR is an all-inclusive system for allergists that integrates powerful immunotherapy features into a customizable EMR and Practice Management solution. Created by medical professionals with allergists in mind, the mobile-friendly solution offers several notable features such as a skin test module, a shot module, shot schedule templates and automated immunotherapy billing. With the help of AllergyEHR, allergy practices across the nation have been able to improve their efficiency and bottom line by automating processes, improving workflows, creating custom treatment plans, enhancing patient engagement, plus more.

## Methapharm Inc.

*Product Category: Diagnostic Testing*  
81 Sinclair Blvd.  
Brantford, ON N3S 7X6  
Canada  
Phone: (833) 887-7686  
Website: methapharmrespiratory.com  
Contact Name: Sherian Kington  
Contact Email: skington@methapharm.com

Methapharm specializes in respiratory diagnostics in the United States. We currently offer Provocholine for methacholine challenge testing and Aridol for mannitol challenge testing. These bronchoprovocation dose response tests can help to confirm or rule out a diagnosis of current asthma.

**Booth 623**

## MGC Diagnostics\*

*Product Category: Diagnostic Equipment; Spirometry*  
350 Oak Grove Parkway  
St. Paul, MN 55127  
Phone: (651) 484-4874  
Website: mgcdiagnostics.com  
Contact Name: Courtney Beaton  
Contact Email: cbeaton@mgcdiagnostics.com

MGC Diagnostics® is a global medical technology company dedicated to providing cardiorespiratory health solutions. We develop, manufacture, and market non-invasive diagnostic systems for detecting, classifying and managing cardiorespiratory disease. That singular focus guides our strategy and defines our commitment to customers and employees. Our product quality, product performance, market reputation, and customer service are unparalleled—delivering measurable value to integrated care and wellness models across the spectrum of cardiorespiratory healthcare. With more than 40 years of industry experience and product in more than 45 countries, MGC Diagnostics brings unmatched insight for solving today's challenges and anticipating tomorrow's opportunities.

**Booth 705**

## Micro Direct, Inc.

*Product Category: Spirometry*  
803 Webster Street  
Lewiston, ME 04240  
Phone: (207) 786-7808  
Website: mdspiro.com  
Contact Name: Ann Therriault  
Contact Email: ann.therriault@mdspiro.com

Micro Direct is pleased to offer Spirometry Solutions with several different models priced from \$840 to \$2,499, designed to meet your needs; each with your choice of one-way mouthpieces or full protection pulmonary filters. Micro Direct also offers low-cost screening spirometers for home use. Micro Direct Inc. has been in business for over 25 years; and our staff is ready to advise you on the best product for your practice and will be there after the sale to provide support on equipment operation and proper testing techniques. All products sold by Micro Direct include a 30-day money back guarantee.

**Booth 850**

\*First time exhibitors



# Exhibits

## Mission: Allergy, Inc.

*Product Category: Environmental Products; Patient/Public Education*

28 Hawleyville Road  
P.O. Box 45  
Hawleyville, CT 06440  
Phone: (203) 364-1570  
Website: missionallergy.com  
Contact Name: Jeffrey Miller  
Contact Email: jmiller@missionallergy.com

Leading allergists and allergy divisions recommend Mission: Allergy for its scientific accuracy and its highest quality microfiber pillow and mattress encasings and other products for allergen avoidance. Please stop by our booth to request your free supply of our informative Allergy Self-Help Guide for patients, and to view an unusual display of live Dust Mites in High-Definition.

## Modernizing Medicine

*Product Category: Computer Hardware/Software; Technology*

4850 T-Rex Avenue  
Suite 200  
Boca Raton, FL 33431  
Phone: (561) 235-7505  
Website: modmed.com/  
Contact Name: Danielle Walters  
Contact Email: danielle.walters@modmed.com

The ModMed Allergy, Asthma and Immunology software suite is a cloud-based, electronic health records (EHR) system designed to adapt to each doctor's style of practice, remembering preferences and providing suggestions for exam notes and billing codes. Accessible via mobile device, our EHR, EMA<sup>®</sup>, works seamlessly with our other products and services, including Practice Management, Patient Engagement, Analytics, Image Management, ModMed Telehealth, ModMed Pay and more.

## Booth 1041

## ModuleMD, LLC

*Product Category: Immunotherapy; Technology*

8359 Office Park Drive  
Grand Blanc, MI 48439  
Phone: (877) 347-7978  
Website: modulemd.com  
Contact Name: Miranda Moore  
Contact Email: miranda.moore@modulemd.com

ModuleMD is a leading SaaS solution designed by Allergists. For over two decades, practices across the nation have trusted us to improve clinical performance and increase their efficiency and ROI. Our all-in-one software incorporates Practice Management, Electronic Health Records, Skin Testing, Vial Management, Immunotherapy, Revenue Cycle Management, and Patient Engagement. A flexible system that allows you to work the way you want. Experience additional benefits with our bi-directional partner integrations. ModuleMD offers specialized Allergy billing services too. To learn more Email: sales@modulemd.com or Call: (877) 347-7978

## Booth 805

## Booth 605

## Molekule

*Product Category: Equipment/Supplies; Health/Body Care*

1301 Folsom Street  
San Francisco, CA 94103  
Phone: (407) 490-2758  
Website: molekule.com  
Contact Name: Liz McGarrity  
Contact Email: liz.mcgarrity@molekule.com

Molekule is on a mission to solve the global air pollution crisis by reimagining the future of clean air. Its groundbreaking technology, Photo Electrochemical Oxidation (PECO) lets the Molekule Air Purifier destroy pollutants, allergens, mold, bacteria, viruses, and airborne chemicals. That's why it's the only air purifier on the market that safely destroys indoor air pollutants.

## Booth 639



\*First time exhibitors

# Exhibits

## **Morgan Scientific, Inc**

**Booth 844**

*Product Category: Diagnostic Testing; Spirometry*

151 Essex Street  
8th Floor  
Haverhill, MA 01832  
Phone: (978) 521-4440  
Website: [morgansci.com](http://morgansci.com)  
Contact Name: Robyn Mudarri  
Contact Email: [robyn@morgansci.com](mailto:robyn@morgansci.com)

Morgan Scientific covers all of your needs for testing lung function in those with allergies, asthma, and more. With our CompAS2 software, spirometry testing is research grade yet simple to use, accurate, and durable. Track and trend your patient's FEV1 with FeNO, integrating the NIOX VERO from Clrcassia or use the tremoflo for simple oscillometry measurements (AOS) for early disease diagnosis. All products are incorporated into the state of the art CompAS2 software which also offers the capability for EMR integration, remote interpretation, home spirometry monitoring, six minute walks and more! Come by for your demo and see what's new!

## **MotherToBaby**

**Booth 527**

*Product Category: Clinical Research Organizations; Patient/Public Education*

9500 Gilman Drive  
MC 0828  
La Jolla, CA 92093  
Phone: (877) 311-8972  
Website: [mothertobaby.org/healthcare-professionals/allergy-immunology/](http://mothertobaby.org/healthcare-professionals/allergy-immunology/)  
Contact Name: Amanda de Leon  
Contact Email: [ardeleon@ucsd.edu](mailto:ardeleon@ucsd.edu)

MotherToBaby Pregnancy Studies conducts observational research on the safety of medications and vaccines in pregnancy which allows us to help moms and healthcare providers make informed treatment decisions. We are evaluating the effects of Asthma and Atopic Dermatitis during pregnancy. If you have a patient who is currently pregnant managing these conditions or taking any medications for these conditions, refer them today. Your patient referrals and those from your colleagues make all the difference to the success of these studies! You can also access free patient education materials and order brochures on our website at no cost.

## **National Association of Medication Access and Patient Advocacy**

**Booth 848**

*Product Category: Other Non-profit*

17422 Hawkwatch Lane  
Charlotte, NC 28278  
Phone: (850) 598-1042  
Website: [namapa.org](http://namapa.org)  
Contact Name: Elizabeth Johnson  
Contact Email: [ejohnson@namapa.org](mailto:ejohnson@namapa.org)

A non-profit organization that empowers healthcare advocates by providing a collaborative community focused on resources to navigate medication access and support. We educate and support biologics coordinators, financial navigators, and other important team members on prior authorization, specialty medication access, and reimbursement processes.

## **National Jewish Health\***

**Booth 626**

*Product Category: Diagnostic Testing; Physician Education*

1400 Jackson Street  
Denver, CO 80206  
Phone: (303) 398-1723  
Contact Name: Lisa Barker  
Contact Email: [barkerl@njhealth.org](mailto:barkerl@njhealth.org)

## **NeilMed Pharmaceuticals, Inc.**

**Booth 1045**

*Product Category: Health/Body Care; Pharmaceuticals*

601 Aviation Blvd.  
Santa Rosa, CA 95404  
Phone: (707) 525-3784  
Website: [neilmed.com](http://neilmed.com)  
Contact Name: Ashly Guntz  
Contact Email: [tradeshows@neilmed.com](mailto:tradeshows@neilmed.com)

The mission of the company is to create and maintain safe, affordable and effective products to sustain long-term growth and create drug free and effective nasal/sinus, ear and wound care devices for millions of consumers worldwide. Please visit the website [www.neilmed.com](http://www.neilmed.com) for more details.

\*First time exhibitors

# Exhibits

## Silver Partner

### Novartis Pharmaceuticals Corporation – Ilaris® (canakinumab)

Booth 1144

Product Category: Pharmaceuticals

One Health Plaza  
East Hanover, NJ 07936  
Phone: (862) 703-4618  
Website: novartis.com  
Contact Name: Kaitlyn Reynolds  
Contact Email: kaitlyn.reynolds@novartis.com

Novartis is a leading global medicines company, using innovative science and digital technologies to create treatments in areas of great medical need. In our quest to find new medicines, we consistently rank among the world's top companies investing in research and development. Novartis products reach more than 800 million people globally and we are finding innovative ways to expand access to our latest treatments. About 109,000 people of more than 140 nationalities work at Novartis around the world. Find out more at [www.novartis.us](http://www.novartis.us).

## Silver Partner

### OptiNose, Inc.

Booth 435

Product Category: Pharmaceuticals; Technology

1020 Stony Hill Road  
Suite 300  
Yardley, PA 19067  
Phone: (267) 364-3500  
Website: [optinose.com](http://optinose.com)  
Contact Name: Sue Dilenno  
Contact Email: [susan.diienzo@optinose.com](mailto:susan.diienzo@optinose.com)

Optinose is a specialty pharmaceutical company focused on the development and commercialization of products for patients cared for by, or in consultation with, ear, nose, and throat (ENT) or allergy specialists. We are focused on value creation, starting with our work on a unique and novel drug delivery concept known as the Exhalation Delivery System™. The innovative mechanism of delivery of the first Optinose technology is designed to enable broad, consistent drug delivery high and deep in the nasal passages, leveraging the mucosal surfaces as a potential target for the treatment of both local and systemic diseases.

### OIT Connect\*

Booth 525

Product Category: Computer Hardware/Software

126 College Street  
Suite B  
Battle Creek, MI 49037  
Phone: (269) 342-2593  
Website: [oitconnect.com](http://oitconnect.com)  
Contact Name: Andrea Force  
Contact Email: [andrea.force@asthmaallergycenters.com](mailto:andrea.force@asthmaallergycenters.com)

OITConnect™ offers an easy, HIPAA compliant way to document food oral immunotherapy treatments for both doctors and patients while increasing the safety and efficiency of an OIT clinical practice. Our mission is to help you help your patients. It is one thing to have a product or protocol available, but it is important to have the right technology in OITConnect™ to help drive results.

### Option Care Health

Booth 709

Product Category: Other Infusion Services

3000 Lakeside Drive  
Suite 300N  
Bannockburn, IL 60015  
Phone: (224) 775-6100  
Website: [optioncarehealth.com](http://optioncarehealth.com)  
Contact Name: Vicki Haber  
Contact Email: [victoria.haber@optioncare.com](mailto:victoria.haber@optioncare.com)

Option Care Health delivers advanced intravenous treatments available for a wide range of serious, acute, and chronic conditions through an Option Care infusion suite or at home. We are committed to delivering high-quality, cost-effective solutions to make a positive difference in people's lives. Our purpose is to provide extraordinary care that changes lives through a comprehensive approach to care along every step of the infusion therapy process including intake coordination, insurance authorization, resources for financial assistance, education, and customized treatments.

\*First time exhibitors

# Exhibits

## Optum Infusion Pharmacy

*Product Category: Immunotherapy*

15529 College Blvd.

Lenexa, KS 66219

Phone: (346) 208-2634

Website: [specialty.optumrx.com/infusion](http://specialty.optumrx.com/infusion)

Contact Name: Amy Engler

Contact Email: [aengler@optum.com](mailto:aengler@optum.com)

Optum® Infusion Pharmacy is a home infusion care provider with a national network of pharmacies. We specialize in immunoglobulin, parenteral nutrition, anti-infectives, hydration, biologics and other specialty infusions. Our comprehensive services include specially trained in-house nurses and pharmacists, around-the-clock clinical support, reimbursement specialists and ongoing patient education. We are part of Optum, a health services innovation company dedicated to helping people live healthier lives and helping make the health system work better for everyone.

**Booth 757**

## Orsini Specialty Pharmacy

*Product Category: Other Specialty Pharmacy; Pharmaceuticals*

1111 Nicholas Blvd.

Elk Grove Village, IL 60007

Phone: (847) 951-4171

Website: [orsinispecialtypharmacy.com](http://orsinispecialtypharmacy.com)

Contact Name: Deborah Heidecke

Contact Email: [dheidecke@orsinihc.com](mailto:dheidecke@orsinihc.com)

Orsini Specialty Pharmacy is the leading independent national specialty pharmacy focused on rare diseases, gene therapies and complex conditions. Enabling patients' access to the specialty medications they need is our number one priority. We collaborate with healthcare providers to deliver customized programs and patient journeys that exceed their needs and requirements. Our experienced, therapy care teams provide empathetic and individualized care to patients based on their specific condition, treatment regimen and life circumstances. We are known for our billing expertise under the medical and pharmacy benefits, and we actively maintain extensive payor contract coverage with all major-medical plans and PBM's.

**Booth 644**

## Gold Partner

### Pfizer IG

**Booth 1140**

*Product Category: Pharmaceuticals*

500 Arcola Road

Collegeville, PA 19426

Phone: (610) 506-5496

Website: [pfizer.com](http://pfizer.com)

Contact Name: Deborah Hummel

Contact Email: [deborah.j.hummel@pfizer.com](mailto:deborah.j.hummel@pfizer.com)

## Gold Partner

### Pfizer Inc.

**Booth 1016**

*Product Category: Pharmaceuticals*

235 E 42nd Street

New York, NY 10017

Phone: (212) 733-2323

Website: [pfizer.com/](http://pfizer.com/)

Pfizer Inc.: Working together for a healthier world®  
At Pfizer, we apply science and our global resources to bring therapies to people that extend and significantly improve their lives. We strive to set the standard for quality, safety and value in the discovery, development and manufacture of health care products. Our global portfolio includes medicines and vaccines as well as many of the world's best-known consumer health care products. Every day, Pfizer colleagues work across developed and emerging markets to advance wellness, prevention, treatments and cures that challenge the most feared diseases of our time.

## Gold Partner

### Pharming Healthcare Inc.

**Booth 1234**

*Product Category: Pharmaceuticals; Physician Education*

10 Independence Blvd.

4th Floor

Warren, NJ 07059

Website: [pharming.com](http://pharming.com)

Contact Name: Damian Clarke-Bruce

Contact Email: [D.Clarke-Bruce@pharming.com](mailto:D.Clarke-Bruce@pharming.com)

Pharming Healthcare, Inc. is a global, commercial stage biopharmaceutical company developing innovative protein replacement therapies and precision medicines for the treatment of rare diseases and unmet medical needs.

*\*First time exhibitors*

# Exhibits

## PulmOne USA

Booth 735

*Product Category: Diagnostic Equipment; Spirometry*

270 Madison Avenue

9th Floor

New York, NY 10016

Phone: (844) 785-6663

Website: [pulm-one.com](http://pulm-one.com)

Contact Name: Scott Yokobosky

Contact Email: [scott.yokobosky@pulm-one.com](mailto:scott.yokobosky@pulm-one.com)

Learn more about performing Spirometry, Lung Volumes and DLCO with the portable MiniBox+.EASY: Fully automatic lung volumes and DLCO. ACCURATE: High reproducibility; Lung volumes equivalent to body box. FAST: Lung Volumes, Spirometry and DLCO in as little as 15-20 mins. SAFE: Complies with COVID-19 safety recommendations. Widely used by physicians across the US. Live demo's at our booth.

## Rabbit Air

Booth 711

*Product Category: Environmental Products*

125 N. Raymond Avenue

Suite 308

Pasadena, CA 91103

Phone: (626) 396-9197

Website: [rabbitair.com](http://rabbitair.com)

Contact Name: Wei Chen

Contact Email: [weic@rabbitair.com](mailto:weic@rabbitair.com)

Founded in 2004, our Los Angeles-based company has dedicated its time, energy, and resources to perfecting a product that improves quality of life: the air purifier. Our unique, bioengineered HEPA filter traps and reduces allergens down to 0.3 microns in size at a 99.97% efficiency and is capable of trapping and reducing pet dander, odors, pollen and other allergens. This technology, combined with our award winning designs and filter life have made us one of the premier air purifiers in the industry.

## Diamond Partner

### Regeneron & Sanofi

Booth 1107

*Product Category: Pharmaceuticals*

777 Old Saw Mill River Road

Tarrytown, NY 10591

Phone: (914) 847-7000

Website: [regeneron.com](http://regeneron.com) / [sanofi.com](http://sanofi.com)

Contact Name: Rachele Guido

Contact Email: [rachele.guido@regeneron.com](mailto:rachele.guido@regeneron.com)

Since 2007, Regeneron and Sanofi have collaborated to jointly develop certain fully-human monoclonal antibody therapies under a global collaboration agreement. Regeneron is a leading biotechnology company that invents life-transforming medicines for serious diseases. Sanofi is a global biopharmaceutical company focused on human health. For more information, visit [www.Regeneron.com](http://www.Regeneron.com) and [www.Sanofi.com](http://www.Sanofi.com).

### Sanford Health\*

Booth 707

*Product Category: Physician Recruitment*

510 6th Avenue North

Suite A

Fargo, ND 58102

Phone: (701) 234-6547

Website: [sanfordhealth.org](http://sanfordhealth.org)

Contact Name: Angie Peterson

Contact Email: [angela.peterson@sanfordhealth.org](mailto:angela.peterson@sanfordhealth.org)

Sanford Health, one of the largest health systems in the United States, is dedicated to the integrated delivery of health care, genomic medicine, senior care and services, global clinics, research and affordable insurance. Headquartered in Sioux Falls, South Dakota, the organization includes 46 hospitals, 1,400 physicians and more than 200 Good Samaritan Society senior care locations in 26 states and 10 countries. Learn more about Sanford Health's transformative work to improve the human condition at [sanfordhealth.org](http://sanfordhealth.org) or Sanford Health News.

\*First time exhibitors

# Exhibits

## SENTA Partners

Booth 840

*Product Category: Office Management; Physician Recruitment*  
8200 Roberts Drive  
Suite 450  
Sandy Springs, GA 30350  
Phone: (678) 749-4898  
Website: [sentapartners.com](http://sentapartners.com)  
Contact Name: Shireen Brown  
Contact Email: [Shireen.Brown@Sentapartners.com](mailto:Shireen.Brown@Sentapartners.com)

Southern Ear, Nose, and Throat and Allergy Physicians (SENTA) is a community of the Southeast's finest ENT and allergy specialists, working together to grow their practices while providing the best in clinical care. Focus on your patients. Grow your practice. Increase your earnings potential at every stage in your career. All while serving your patients with the highest quality clinical care.

## SmartPractice

Booth 1154

*Product Category: Patient/Public Education; Pharmaceuticals*  
3400 E McDowell Road  
Phoenix, AZ 85008  
Phone: (800) 878-3837  
Website: [smartpractice.com/derm](http://smartpractice.com/derm)  
Contact Name: Ashley Ochoa  
Contact Email: [aocchoa@smarthealth.com](mailto:aocchoa@smarthealth.com)

SmartPractice Dermatology | Allergy provides innovative patch test products and easier access to educational resources to help diagnosis allergic contact dermatitis and find solutions to help your patients live healthier, happier lives.

## Snot Force Alliance, Inc.\*

Booth 622

*Product Category: Physician Education*  
6420 Dutchman's Parkway  
Suite 380  
Louisville, KY 42301  
Phone: (270) 302-6268  
Website: [snotforce.org](http://snotforce.org)  
Contact Name: Jean Owen  
Contact Email: [jeanowenmba@gmail.com](mailto:jeanowenmba@gmail.com)

Snot Force Alliance, Inc. (aka SNOT FORCE) is a non-profit organization that aims to bring specialists together to treat nose, sinus, and airway conditions. Our mission is to disseminate knowledge to all relevant medical disciplines and inspire innovation in the medical and surgical management of inflammatory disease of the airway and to advance collaborative efforts across these medical disciplines. We offer CME webcast series and research collaboration. Join us, for free, at [www.snotforce.org](http://www.snotforce.org).

## Gold Partner

### Stallergenes Greer

Booth 807

*Product Category: Allergy Extracts; Immunotherapy*  
P.O. Box 800  
639 Nuway Circle  
Lenoir, NC 28645-0800  
Phone: (800) 378-3906  
Website: [stallergenesgreerus.com](http://stallergenesgreerus.com)  
Contact Name: Suzanne Fogleman  
Contact Email: [suzanne.fogleman@stallergenesgreer.com](mailto:suzanne.fogleman@stallergenesgreer.com)

Headquartered in North Carolina, Stallergenes Greer's business in the United States is part of a leading global biopharmaceutical company specializing in the development and commercialization of allergy immunotherapy (AIT) products and services for use in the diagnosis and treatment of allergies.

## Platinum Partner

### Takeda

Booth 907

*Product Category: Pharmaceuticals*  
650 E Kendall Street  
Cambridge, MA 02142  
Phone: (877) 582-5332  
Website: [takeda.com/](http://takeda.com/)  
Contact Name: Dawn Rafferty  
Contact Email: [dawn.rafferty@takeda.com](mailto:dawn.rafferty@takeda.com)

Takeda is a global, values-based, R&D-driven biopharmaceutical leader headquartered in Japan, committed to bringing Better Health and a Brighter Future to patients by translating science into highly-innovative medicines. Takeda focuses its R&D efforts on four therapeutic areas: Oncology, Gastroenterology (GI), Neuroscience and Rare Diseases. We also make targeted R&D investments in Plasma-Derived Therapies and Vaccines. [www.takeda.com](http://www.takeda.com)

\*First time exhibitors

# Exhibits

## Platinum Partner

### Takeda: Alpha-1

Booth 904

*Product Category: Pharmaceuticals*

650 E Kendall Street  
Cambridge, MA 02421  
Phone: (877) 825-3327  
Website: [takeda.com](http://takeda.com)

Contact Name: Dawn Rafferty  
Contact Email: [dawn.rafferty@takeda.com](mailto:dawn.rafferty@takeda.com)

Takeda is a global, values-based, R&D-driven biopharmaceutical leader headquartered in Japan, committed to discover and deliver life-transforming treatments, guided by our commitment to patients, our people and the planet. Takeda focuses its R&D efforts on four therapeutic areas: Oncology, Rare Genetic and Hematology, Neuroscience, and Gastroenterology (GI). We also make targeted R&D investments in Plasma-Derived Therapies and Vaccines. [takeda.com](http://takeda.com)

## Gold Partner

### Teva Pharmaceuticals

Booth 923

*Product Category: Pharmaceuticals*

400 Interpace Parkway  
Parsippany, NJ 07054  
Phone: (816) 718-1624  
Website: [tevausa.com](http://tevausa.com)

Contact Name: Evonne Matthews  
Contact Email: [evonne.matthews@comcast.net](mailto:evonne.matthews@comcast.net)

Along with our established presence in generics, we have significant innovative research and operations. Teva Pharmaceuticals has been developing and producing medicines for more than a century. We are a global leader in generic and specialty medicines with a portfolio consisting of over 3,500 products in nearly every therapeutic area. Around 200 million people around the world take a Teva medicine every day, and are served by one of the largest and most complex supply chains in the pharmaceutical industry, supporting our growing portfolio of specialty and biopharmaceutical products.

### Thermo Fisher Scientific

Booth 726

*Product Category: Diagnostic Testing; Technology*

4169 Commercial Avenue  
Portage, MI 49002  
Phone: (781) 800-1346  
Website: [thermofisher.com/phadia/us/en/our-solutions.html?icid=phadia](http://thermofisher.com/phadia/us/en/our-solutions.html?icid=phadia)  
Contact Name: Nicole Bozik  
Contact Email: [nicole.bozik@thermofisher.com](mailto:nicole.bozik@thermofisher.com)

Our mission is to enable our customers to make the world healthier, cleaner, and safer. As a global leader in allergy and autoimmune disease diagnostics, we are committed to providing accurate, clinically relevant testing solutions to aid in the proper disease diagnosis and patient management.

### Thorasys Thoracic Medical Systems Inc.

Booth 854

*Product Category: Diagnostic Equipment; Diagnostic Testing*

6560 Avenue de l'Esplanade  
Suite 103  
Montreal, QC H2V 4L5  
Canada  
Phone: (585) 880-3698  
Website: [thorasys.com](http://thorasys.com)  
Contact Name: Andrew McCooey  
Contact Email: [andrew.mccooey@thorasys.com](mailto:andrew.mccooey@thorasys.com)

Thorasys is a small medium-sized enterprise (SME), based in Montreal, Quebec, Canada, which designs, manufactures and markets respiratory medical devices such as the tremoflo. Thorasys applies state-of-the-art research and technology in the development of products for the assessment and monitoring of lung diseases such as asthma, COPD and cystic fibrosis.

\*First time exhibitors

# Exhibits

## World Allergy Organization (WAO)

Booth 1157

*Product Category: Other Upcoming Events; Publications*

555 E Wells Street  
Suite 1100  
Milwaukee, WI 53202  
Website: [worldallergy.org](http://worldallergy.org)  
Contact Name: Celeste Baldassare  
Contact Email: [cbaldassare@worldallergy.org](mailto:cbaldassare@worldallergy.org)

World Allergy Organization (WAO) is an international umbrella organization consisting of 108 regional and national allergology and clinical immunology societies from around the world. By collaborating with member societies, WAO provides educational programs, symposia, and lectureships to members in nearly 100 countries. Founded in 1951, WAO has successfully organized 25 major congresses. The WAO mission, as a worldwide alliance of allergy and clinical immunology societies, is to be a global resource and advocate for the specialty, advancing awareness and excellence in clinical care through education, research, and training. WAO publishes the World Allergy Organization Journal; 2021 two-year IF 5.516.

## X4 Pharmaceuticals\*

Booth 609

*Product Category: Diagnostic Testing; Physician Education*

955 Massachusetts Avenue  
Cambridge, MA 02139  
Phone: (509) 939-1978  
Website: [x4pharma.com](http://x4pharma.com)  
Contact Name: Stephani Keetch  
Contact Email: [stephani.keetch@x4pharma.com](mailto:stephani.keetch@x4pharma.com)

X4 Pharmaceuticals is a late-stage clinical biopharmaceutical company and a leader in the discovery and development of novel therapies for the treatment of diseases of the immune system via antagonism of the CXCR4 pathway, with a focus on rare diseases and those with limited treatment options. We believe that inhibition of the CXCR4 receptor creates the potential to provide therapeutic benefit across a wide variety of diseases, including primary immunodeficiencies, certain types of cancer, and WHIM syndrome, a rare, inherited, primary immunodeficiency disease caused by genetic mutations in the CXCR4 receptor gene.

*\*First time exhibitors*

## ACAAI Future Meeting Dates

**November 9-13, 2023**

Anaheim, California

**October 24-28, 2024**

Boston, Massachusetts

**November 6-10, 2025**

Orlando, Florida

**November 12-16, 2026**

Phoenix, Arizona

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Booth 751.....	American Board of Allergy & Immunology (ABAI)		
Booth 755.....	Aluna		<i>*First time exhibitors</i>

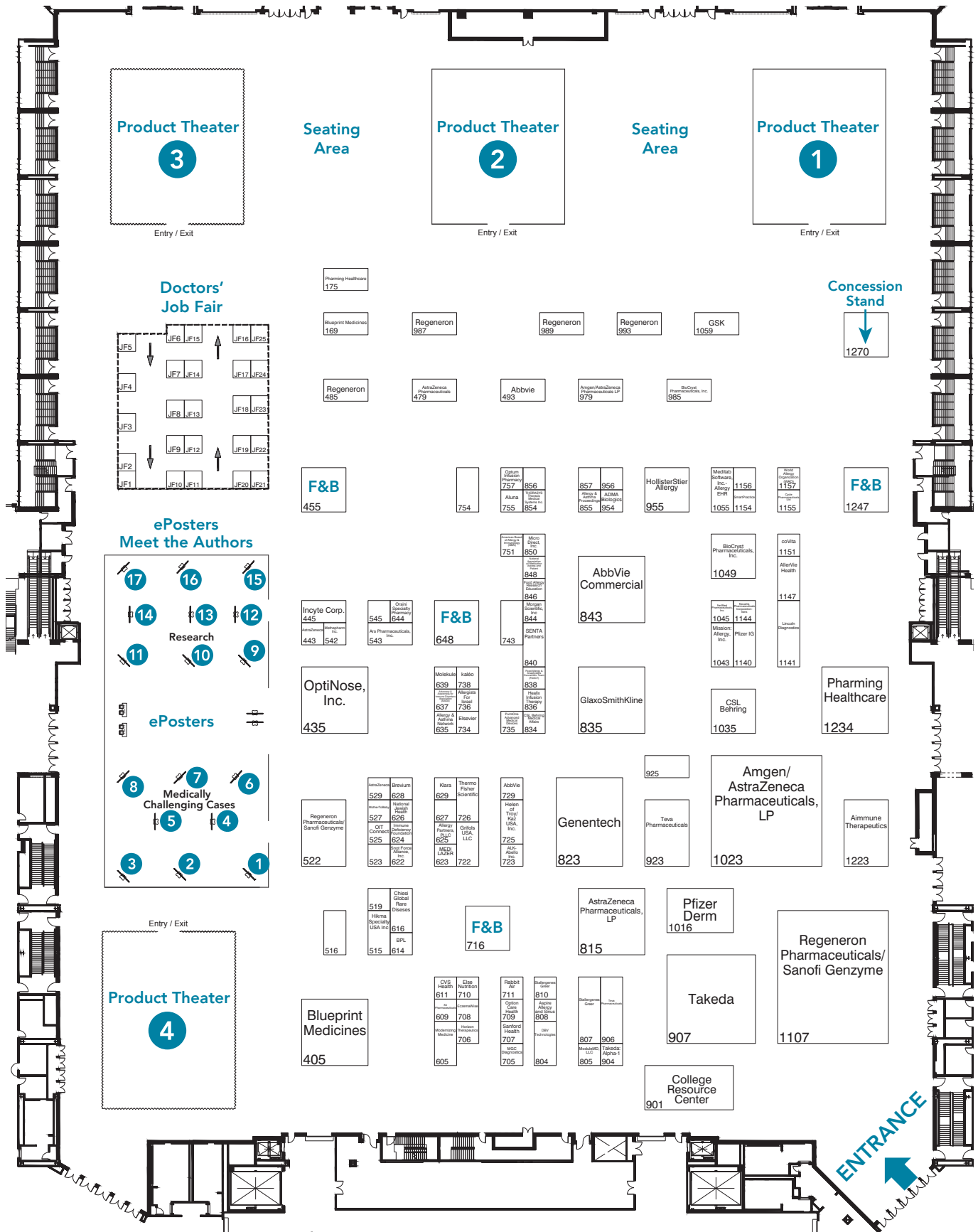
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\*First time exhibitors

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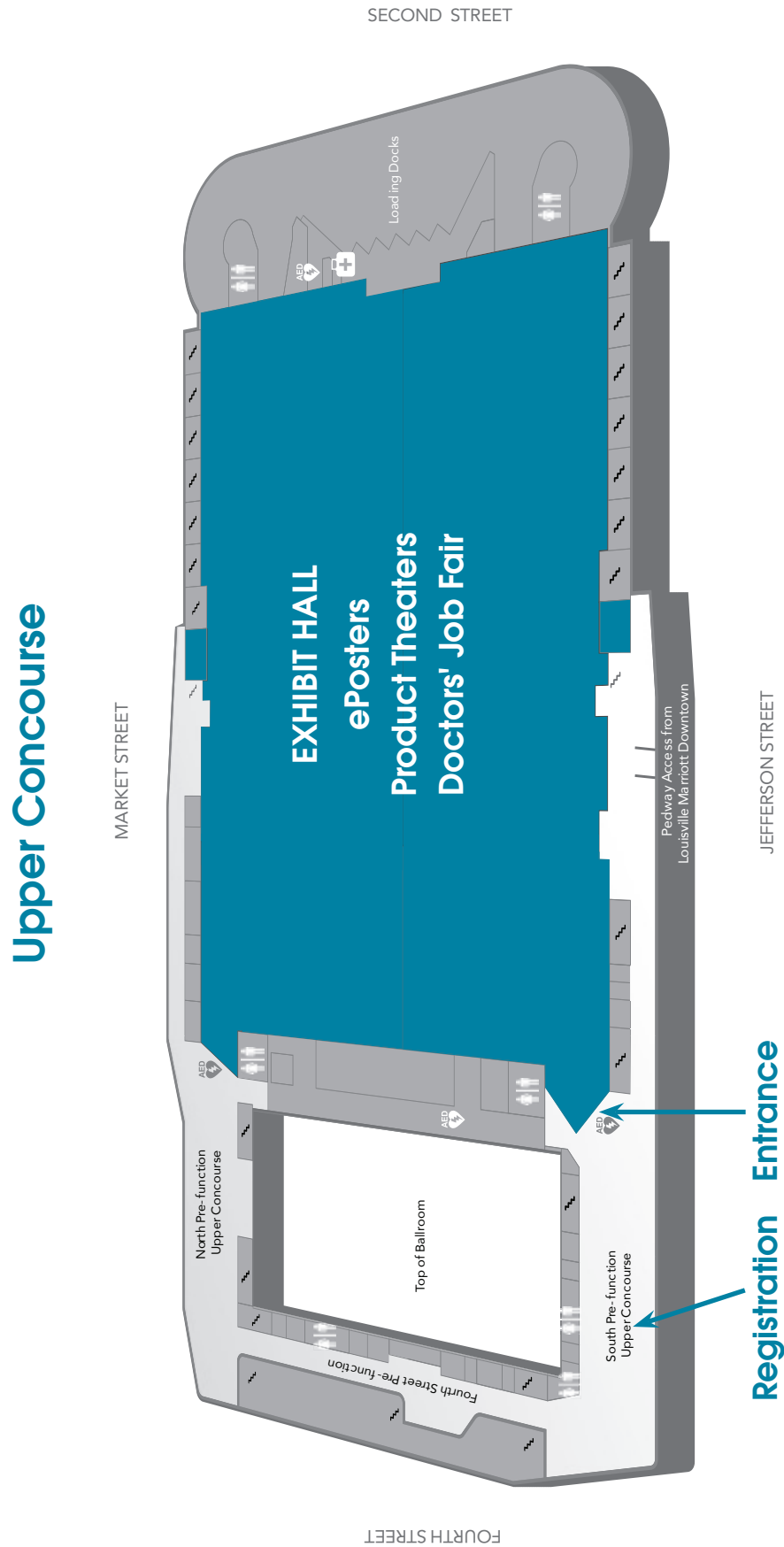
Exhibits

# Kentucky International Convention Center

## Main Concourse



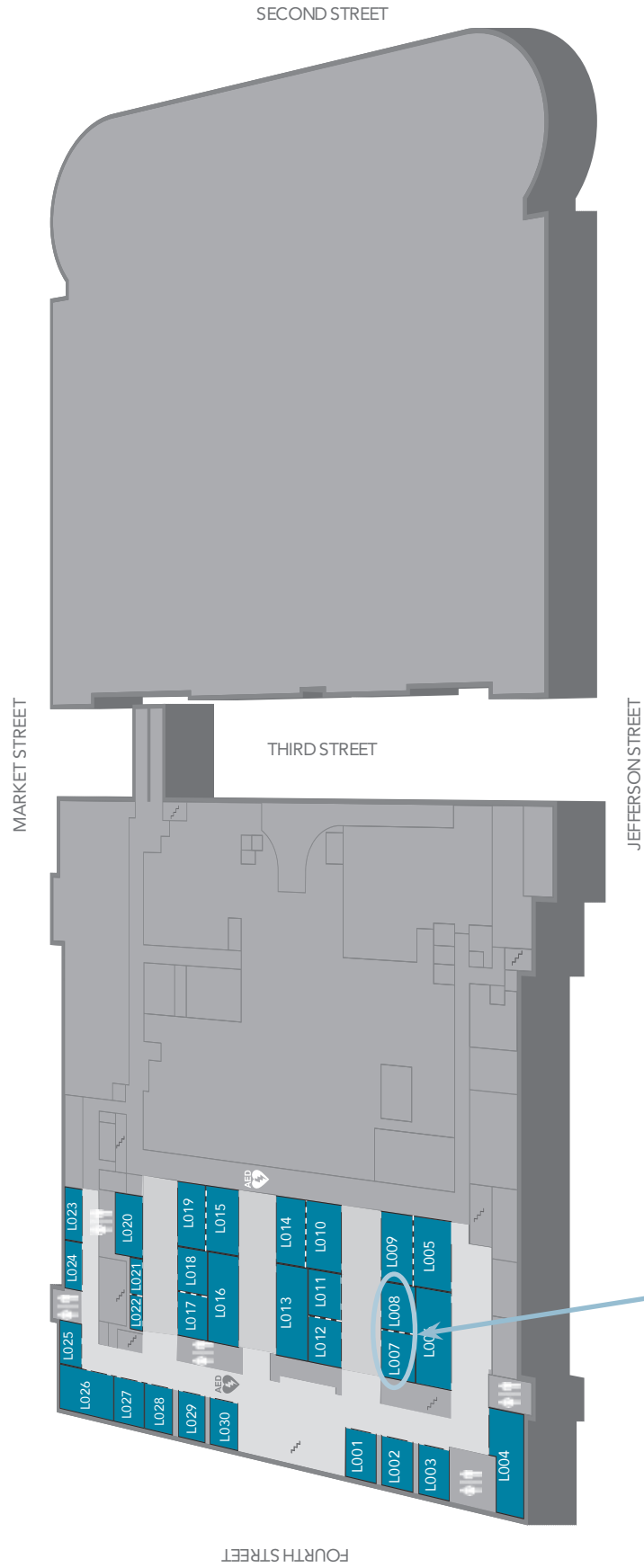
# Kentucky International Convention Center



Maps

# Kentucky International Convention Center

## Lower Concourse

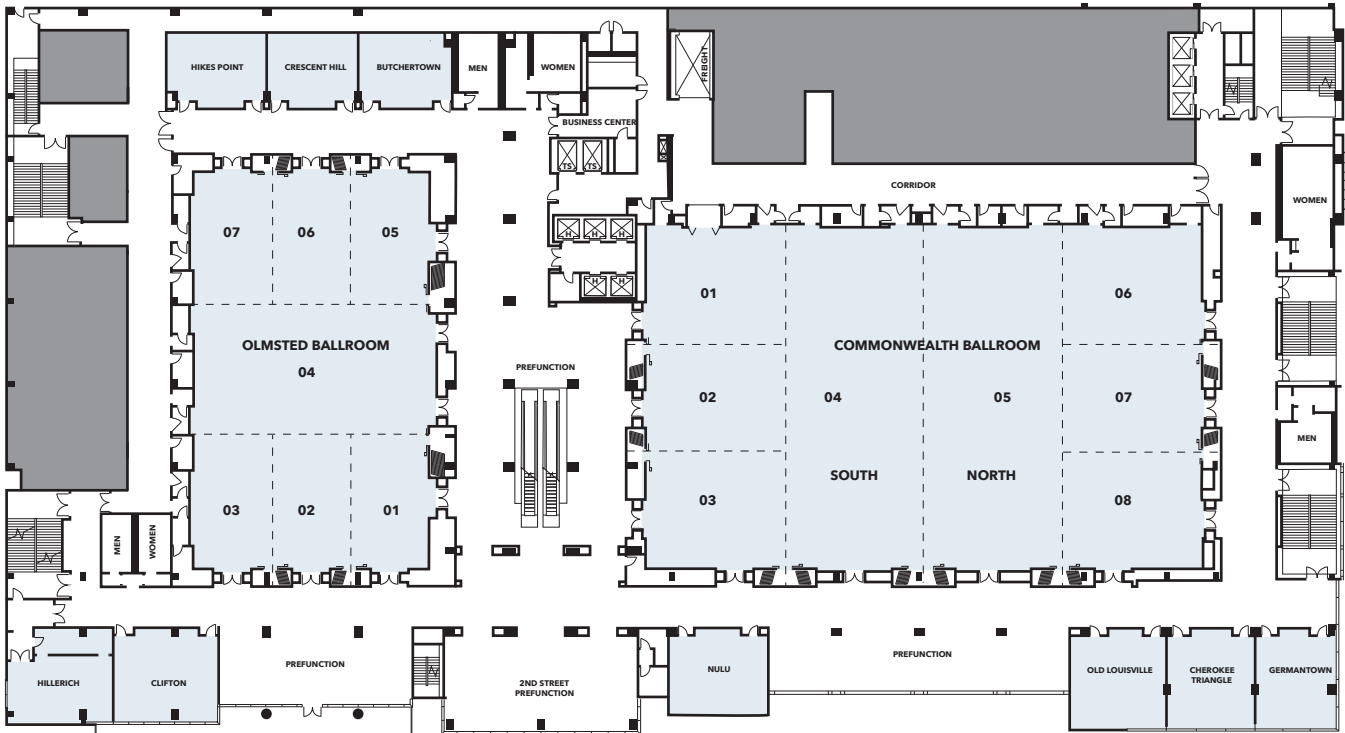


Speaker Ready Room

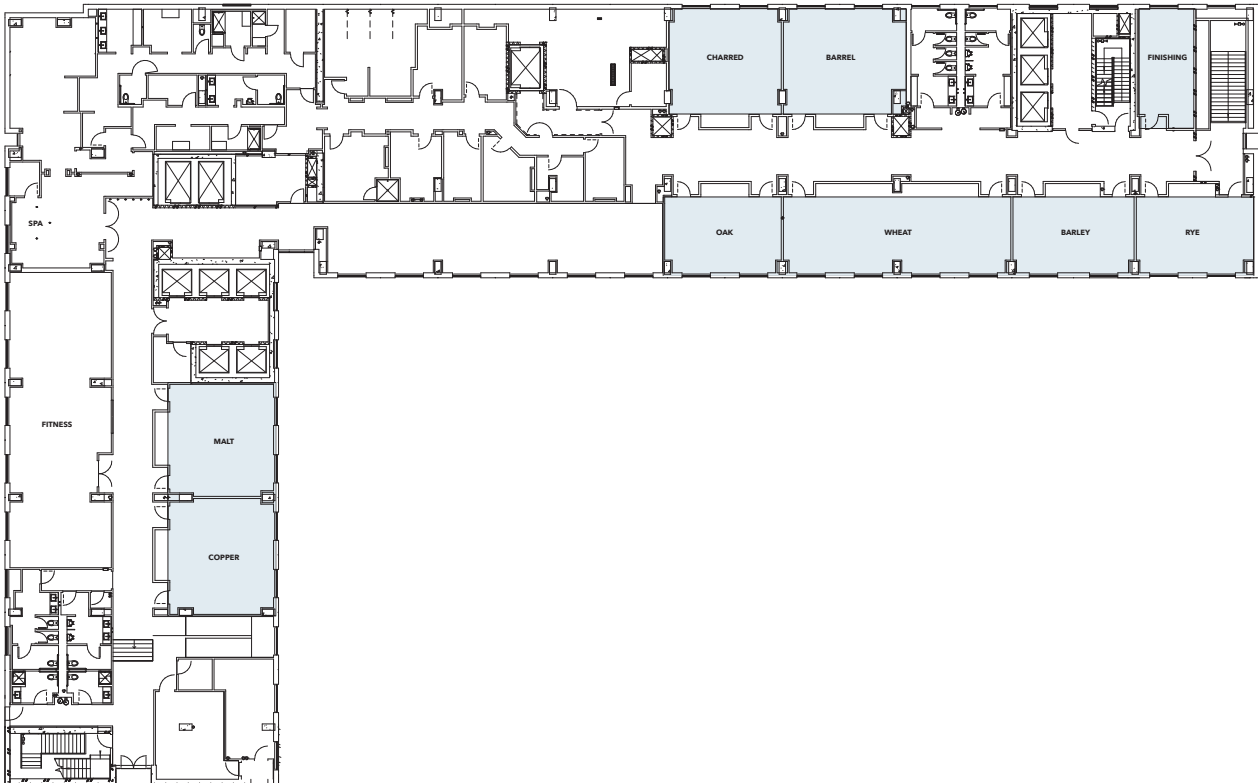


# Omni Louisville Hotel

## Level Two



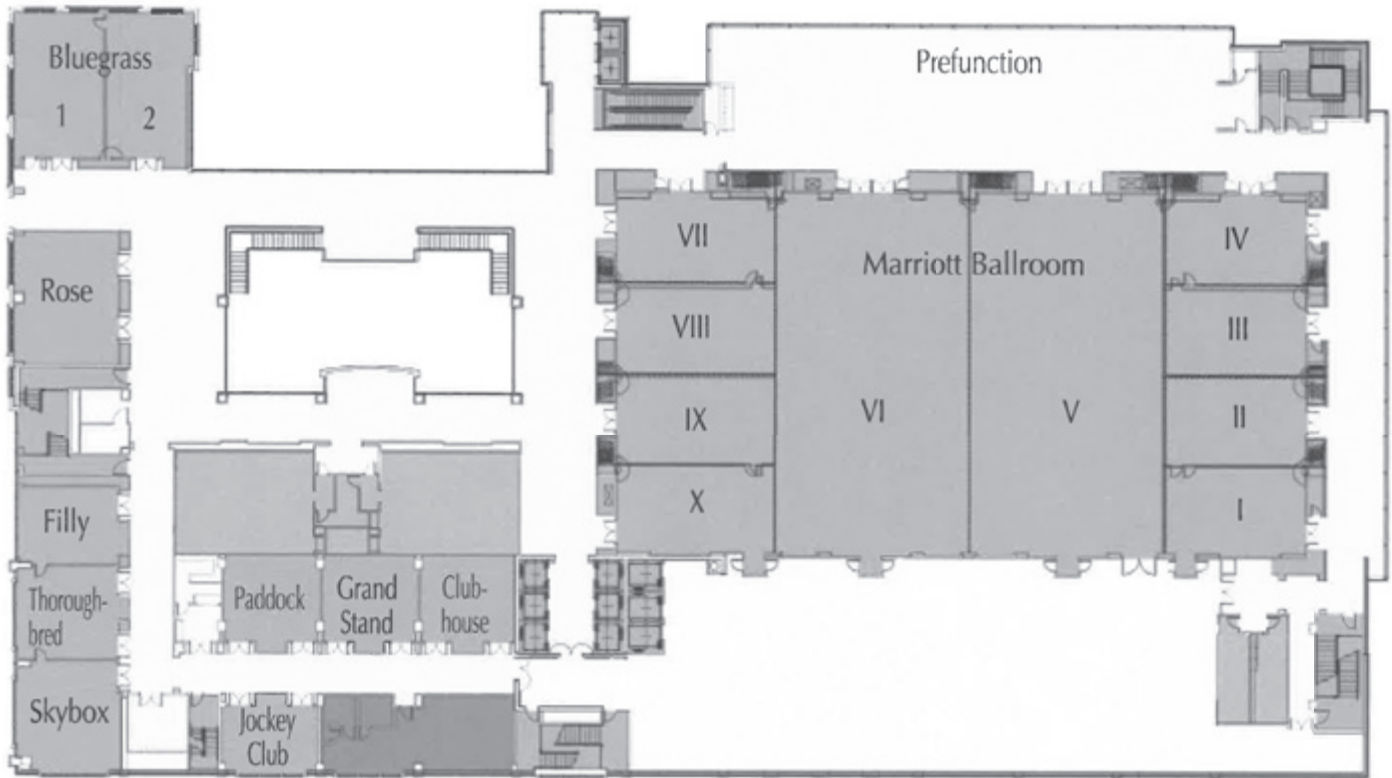
## Level Three



Maps

# Marriott Louisville Downtown Hotel

## Second Level





American  
**College**  
of Allergy, Asthma  
& Immunology

# CALL FOR SESSION PROPOSALS

PODIUM  
TO  
PRACTICE®

2023 ANNUAL SCIENTIFIC MEETING  
**Embracing the Evolution  
of Patient Care**  
NOV. 9-13 • ANAHEIM, CA

The College is accepting proposals for Educational Sessions and Hands-on Workshops that echo the theme of the 2023 Annual Scientific Meeting, and:

- ◆ Reflect clinical innovation and cutting-edge research
- ◆ Convey best practices
- ◆ Present evidence-based medicine
- ◆ Stimulate discussion and challenge mindsets



Deadline for submission  
is: **January 9, 2023**

[college.acaai.org/23proposals](https://college.acaai.org/23proposals)

**#ACAAI23**

# Allakos is conducting a clinical study to test the safety and efficacy of experimental drug lirentelimab for Atopic Dermatitis (AD)

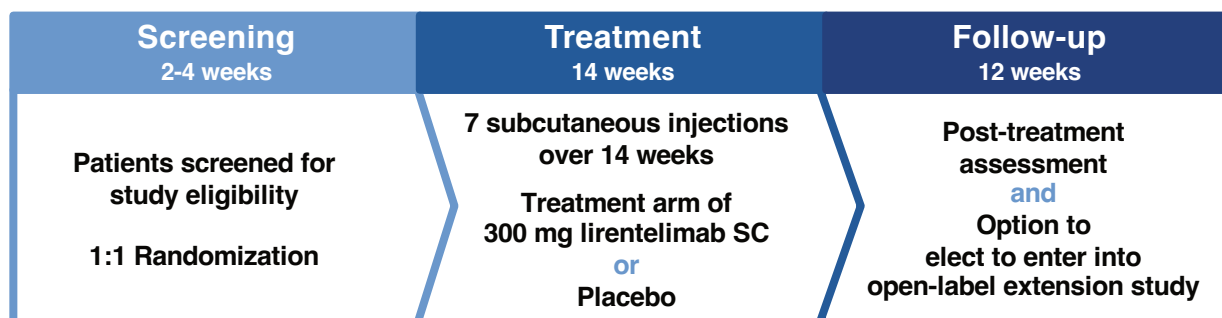
## Phase 2 Study in Moderate-to-Severe Atopic Dermatitis (AD) (NCT05155085)

A phase 2 randomized, double-blind, placebo-controlled study to evaluate the efficacy and safety of subcutaneous lirentelimab (AK002) in adult subjects with moderate-to-severe AD inadequately controlled by topical treatments.

**The study is now recruiting for patients with AD.**

### Key Inclusion / Exclusion Criteria\*:

- Male or female, 18-80 years old
- Chronic AD presented for at least 3 years with moderate to severe symptoms
  - Eczema Area and Severity Index (EASI) score  $\geq 16$
  - Involvement of  $\geq 10\%$  of the body surface area
  - Investigator Global Assessment (IGA) score  $\geq 3$
- Documented recent history of inadequate response to treatment with medications such as topical corticosteroids, calcineurin inhibitors, JAK inhibitors, or PDE4 inhibitors (crisaborole)
- Biologic-naïve or biologic-exposed (secondary loss of response, intolerance, or lack of access)



Qualified participants will receive medication, lab tests and medical care related to the study at no cost.

To learn more about the study,  
email [atlas.info@allakos.com](mailto:atlas.info@allakos.com) or visit [clinicaltrials.gov](https://clinicaltrials.gov)

## Lirentelimab (AK002) in Atopic Dermatitis

Our lead drug candidate, lirentelimab (AK002), is an investigational antibody designed to target Siglec-8, an inhibitory receptor selectively found on mast cells and eosinophils.

\*For a complete list of inclusion/exclusion criteria, please visit [clinicaltrials.gov](https://clinicaltrials.gov) – NCT05155085

This brochure is intended for physician audiences only.

Lirentelimab (AK002) is an Investigational medicine whose efficacy and safety profile have not been established. It has not been approved by the FDA or other health authority for any use.

Allakos 

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