



# **New Developments in Atopic Dermatitis and Implications for the Atopic March**

**Thursday, February 23, 2023 • 1-5 pm CST • San Antonio, TX, USA  
Henry B. Gonzalez Convention Center • Meeting Room Level, Room 221**

***An International Eczema Council Symposium at the  
2023 American Academy of Allergy, Asthma & Immunology  
(AAAAI) Annual Meeting***

## LEARNING OBJECTIVES

1. Demonstrate diagnostic accuracy of atopic dermatitis (AD) and assess when to biopsy and when to refer patients for further evaluation.
2. Apply recent advances in AD pathogenesis—including immune dysregulation, barrier dysfunction, and interpretation of differences between adults and children—to better assess and treat patients with AD.
3. Optimize AD treatment selection using recent advances in emerging topical and systemic therapies.
4. Recognize and treat the most frequent infections associated with AD.
5. Acquire strategies to better counsel parents and patients on AD prevention.

## AGENDA & SESSION LEARNING OBJECTIVES

### 1-1:10 PM

#### Welcome from the IEC

Robert Bissonnette, MD FRCPC MSc, IEC President  
Innovaderm Research, Montréal, QC, Canada

### 1:10-1:30 PM

#### Differential Diagnosis of Atopic Dermatitis

Jonathan Silverberg, MD PhD MPH  
George Washington University, Washington, DC, US

- Review the differential diagnosis of atopic dermatitis.
- Identify which patients should be biopsied.
- Assess when to refer patients for further evaluations.

### 1:30-1:55 PM

#### Immune Pathogenesis: Towards Personalized Medicine

Emma Guttman-Yassky, MD PhD, IEC Immediate Past President and Cofounder

Mount Sinai Medical Center, New York, NY, US

- Define personalized medicine as it relates to the care and treatment of AD.
- Recognize differences among various ethnic and racial groups for personalized treatment approaches.

### 1:55-2:15 PM

#### The Leaky Barrier: Abnormalities in Keratinocyte Differentiation, Tight Junctions, and Lipids

Alan Irvine, MD DSc, IEC President-Elect

Trinity College Dublin, Children's Health; Dublin, Ireland

- Discuss abnormalities in keratinocyte differentiation, tight junctions, and lipids present in AD patients.
- Review epidermal components responsible for the barrier function of the skin.
- Discuss hierarchy and relevance of epidermal components as they relate to barrier function, AD severity, and phenotypes.

### 2:15-2:35 PM

#### Clinical and Molecular Differences in Skin and Blood of Children Compared to Adults

Amy S. Paller, MD MSc, IEC Past President and Cofounder

Northwestern University, Chicago, IL, US

- Discuss clinical and molecular differences in skin and blood of pediatric and adult patients with AD.
- Implement knowledge of clinical and molecular differences between children and adults to optimize treatment selection.

### 2:35-2:55 PM

#### Infections in Atopic Dermatitis and Implications for Therapy

Carolyn Jack, MD PhD FRCPC

McGill University, Montréal, QC, Canada

- Improve understanding for the role of the microbiome in the pathogenesis of AD patients.
- Improve management of AD when infection and/or colonization is present on the skin.

### 2:55-3:15 PM

#### Break and Refreshments

### 3:15-3:35 PM

#### Emerging Topical Therapies

Robert Bissonnette, MD FRCPC MSc, IEC President

Innovaderm Research, Montréal, QC, Canada

- Improve understanding of emerging topical therapies for the treatment of AD.
- Improve treatment selection and use of topical therapy for the treatment of AD.

### 3:35-3:55 PM

#### Emerging Systemic Therapies

Eric Simpson, MD MCR

Oregon Health Sciences University, Portland, OR, US

- Improve understanding of the various emerging systemic therapies for AD.
- Improve treatment selection and use of systemic therapy for the management of AD patients.

### 3:55-4:15 PM

#### Prevention Strategies for Atopic Dermatitis and the Atopic March

Ioana Agache, MD PhD

Transilvania University of Braşov, Braşov, Romania

- Improve patient counseling on prevention strategies for AD and the atopic march.
- Review sequential progression from AD to other atopic diseases.

### 4:15-4:55 PM

#### Panel Discussion with Question & Answer

Moderator: Ellen R. Sher, MD FAAAAI CPI

Allergy Partners, Rutgers Robert Wood Johnson Medical School, Ocean, NJ, US

### 4:55-5 PM

#### Closing Comments & Adjournment

## COURSE MODERATOR

### Ellen R. Sher, MD FAAAAI CPI



Ellen R. Sher is a physician at Allergy Partners of NJ, PC; section chief of allergy & immunology at Monmouth Medical Center; and a clinical assistant professor of medicine at Rutgers Robert Wood Johnson Medical School. She earned her medical degree at Georgetown University School of Medicine in Washington, DC, and completed a residency in internal medicine at Thomas Jefferson University Hospital in Philadelphia where she was also a fellow in pulmonary medicine. She completed her fellowship training in allergy & immunology at the National Jewish Medical and Research Center in Denver, CO, USA. She is board certified by the American Board of Internal Medicine and American Board of Allergy and Immunology.

## COURSE CO-CHAIRS

### Emma Guttman-Yassky, MD PhD, IEC Immediate Past President and Cofounder



Emma Guttman is the Waldman Professor and System Chair, Dermatology and Immunology, and the director of both the Center of Excellence for Eczema and the Occupational Dermatitis Clinic and Laboratory for Inflammatory Skin Diseases at the Icahn School of Medicine at Mount Sinai Medical Center, New York. She earned her doctor of medicine degree from Sackler in Tel-Aviv, Israel, and a doctor of philosophy degree from Bar-Ilan University in Israel. After receiving her board certification in dermatology in Israel, Guttman moved to the United States to pursue a postdoctoral fellowship at The Rockefeller University in New York, NY, and a second dermatology residency at Weill Cornell Medicine in New York, NY.

### Amy S. Paller, MD MSc, IEC Past President and Cofounder



Amy Paller is the Walter J. Hamlin Professor and Chair of Dermatology, professor of pediatrics, and principal investigator of the National Institutes of Health-funded Skin Disease Research Center at Northwestern University Feinberg School of Medicine. She directs the Pediatric Dermatology Clinical Trials Unit at Lurie Children's Hospital of Chicago and has been the lead investigator on landmark trials involving inflammatory skin disorders. Now, she is focused on biomarker discovery for pediatric skin disease and developing patient-reported outcomes tools.

## FACULTY

### Jonathan Silverberg, MD PhD MPH



Jonathan Silverberg is a professor of dermatology and director of clinical research and contact dermatitis at The George Washington University School of Medicine and Health Sciences in Washington, DC. Dr. Silverberg's area of clinical subspecialty is inflammatory skin disease, particularly atopic and contact dermatitis, and he is a national expert in allergy patch testing, phototesting, and photopatch testing.

### Alan Irvine, MD DSc, IEC President-Elect



Alan Irvine, MD DSc, has been a consultant dermatologist at Children's Health Ireland and St. James's Hospital, Dublin, since 2002 and professor of dermatology at Trinity College Dublin since 2007. He trained in dermatology and genetics in Belfast, Great Ormond Street Hospital, London and as a Fulbright Scholar at Children's Memorial/Northwestern University, Chicago.

### Carolyn Jack, MD PhD FRCP



Carolyn Jack is an assistant professor at McGill University and a junior scientist at the Infectious Diseases and Immunity in Global Health Program of the Research Institute of the McGill University Health Centre. In 2018, Dr. Jack founded the McGill University Hospital Network Center of Excellence for Atopic Dermatitis, the first tertiary care centre in Canada dedicated to adult atopic dermatitis.

### Robert Bissonnette, MD FRCP MSc, IEC President



Robert Bissonnette is the president of Innovaderm Research—a contract research organization (CRO) specializing in the design, conduct, and analysis of clinical trials in various areas of dermatology—in Montréal, QC, Canada. The current President of the IEC, he is board certified in dermatology and has published over 220 articles and book chapters and gives lectures on various aspects of dermatology at national and international meetings.

### Eric Simpson, MD MCR



Eric Simpson heads the Department of Dermatology's Clinical Studies Unit at Oregon Health & Sciences University. He practices medical dermatology with special interests in chronic inflammatory skin diseases and skin cancer. He is actively involved in clinical research and is currently funded by the National Institutes of Health and industry partners to study new approaches to chronic skin disease treatment and prevention.

### Ioana Agache, MD PhD



Ioana Agache is professor of allergy and clinical immunology at Transilvania University of Braşov in Romania and past president of the European Academy of Allergy and Clinical Immunology (EAACI; 2017-2019). She earned her medical degree from Carol Davila University, Bucharest.

**To claim CME or CE credit, visit [annualmeeting.aaaai.org](https://annualmeeting.aaaai.org) by December 31, 2023.**



# INTERNATIONAL ECZEMA COUNCIL

## ABOUT THE INTERNATIONAL ECZEMA COUNCIL

Founded in late 2014, the International Eczema Council (IEC) is a global nonprofit organization led by dermatology experts on atopic dermatitis. In 2022, IEC expanded eligibility to welcome allergists.

### Mission

The IEC brings together dermatology experts on atopic dermatitis to:

- Identify and prioritize unmet needs for research related to atopic dermatitis.
- Facilitate atopic dermatitis research that addresses these needs.
- Disseminate evidence-based information about atopic dermatitis and its optimal management to healthcare professionals and the public through direct communication and in conjunction with other organizations.
- Promote good practices in the care of patients with atopic dermatitis worldwide.
- Collaborate with physicians, scientists, and stakeholder organizations around the world.

### Global Leadership and Expertise

The IEC is governed by a 14-person Board of Directors comprising leading international experts in atopic dermatitis and a layperson who is an atopic dermatitis patient.

Atopic dermatitis experts from around the globe serve in an advisory role as Councilors and Associates, contributing their expertise to support the IEC's research, programs, events, and education. The IEC has 124 Councilors and Associates in 28 countries, and this group continues to grow.

### Upcoming Symposia

**Prurigo Nodularis:** March 16, at AAD in New Orleans, LA, USA

**Pathophysiological Insights into AD and New Therapeutic Developments:** May 10, at ISID in Tokyo, Japan

**Pathophysiology, Diagnosis, and Treatment of Atopic Comorbidities in AD Patients:** May 26, at RADLA in Curitiba, Brazil

**Non-Atopic Challenges in Atopic Dermatitis Patients:** July 3, at WCD in Singapore

**Pruritus in Patients with Atopic Dermatitis:** October, at EADV in Berlin, Germany

**Basic Research Techniques in Atopic Dermatitis:** November 15, at ISDS in Vienna, Austria

Go to [eczemacouncil.org/symposia](https://eczemacouncil.org/symposia) for updated symposia details and registration.



#### International Eczema Council

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