11th Annual
Basic and Clinical Immunology for the Busy Clinician

February 25-26, 2023
The Scott Resort & Spa, Scottsdale, AZ
and Live Stream

Why attend?
• Network in-person in Scottsdale, AZ, or participate at your convenience from any location with live stream
• Learn from renowned experts in the field of immunology
• Review hot topics in immunology and old diseases, new treatments
• Focus on COVID-19 with an intensive half-day session
• Interactive, panel discussions will address your questions

Register Today! ccfcme.org/clinical23
Join us for the CME certified, 11th Annual Basic and Clinical Immunology for the Busy Clinician

Plan to attend this one-of-a-kind symposium that provides a unique array of educational offerings in the field of clinical immunology. This symposium is designed for busy clinicians who desire to increase their declarative and procedural knowledge in the field of IMIDs, as it applies to patient care.

Whether you prefer to join in-person in Scottsdale, AZ, or join by live stream, you will receive instruction from leading experts in the field of immunology. Our Saturday session begins with an overview of advances in immunology, and leads into a review of hot topics in immunology 2023. Our afternoon session focuses on the standard of care for SpA and PsA, along with new developments in treatments for SAPHO, SLE, and complement and vasculitis. On Sunday, our program is devoted to topics related to COVID-19 impacting rheumatologists/clinical immunologists, including vaccines, long COVID, and cytokine storm. Don’t miss our flipped classroom panel discussion. We’ll conclude the course with a discussion of wellness and treating the COVID-19 patient long-term.

Target Audience

The symposium is directed to rheumatologists; dermatologists; infectious disease clinicians; allergists; clinical immunologists; specialists in integrative medicine, preventive medicine, wellness, and primary care; nurses; physicians assistants, and other health care professionals caring for patients with immunologic diseases.

By attending, you will be able to:

• Describe the integrated immune response as it applies to host defense and immune-mediated diseases and recognize recent advances that may influence patient care.

• Describe and critically appraise the immunologic mechanisms of action for targeted therapies and targeted synthetic therapies as they apply to efficacy and safety across the spectrum of immune-mediated inflammatory diseases including psoriatic arthritis (PsA), spondyloarthritis (SpA), rheumatoid arthritis (RA), systemic lupus erythematosus (SLE), vasculitis and others.

• Describe recent advances in prevention and outpatient treatment of COVID-19 in immunocompromised patients, and the use of immune-based therapies for hospitalized patients with severe COVID-19 disease.

• Critically appraise data on the role of wellness behaviors on general health, immunologic health, and management of COVID-19 and its complications.

General Information

Location
The Scott Resort & Spa
4925 N. Scottsdale Road
Scottsdale, AZ 85251
Phone: 800-528-7867
www.thescottresort.com

Hotel Accommodations
A limited block of rooms has been reserved at The Scott Resort & Spa only until Monday, January 23, 2023. To make your reservations, contact the hotel at 800-528-7867 and identify yourself as an attendee for the Cleveland Clinic – Basic Immunology Symposium, for a special group rate of $349 plus resort fee of $30 per guest room, per night (plus tax).

Book online at www.ccfcme.org/Clinical23Hotel.
Visit www.experiencescottsdale.com for additional information on attractions and entertainment.
AGENDA

Saturday, February 25, 2023
7:30 am  Registration
8:00 am  Welcome & Introductions
8:15 am  Advances in Immunology for the Non-Immunologist
         The human immune response at 30,000 feet: History and COVID-19 as the model
         – Leonard H. Calabrese, DO

Session I: Hot Topics in Immunology 2023
Moderator: Leonard H. Calabrese, DO
9:15 am  The Three Musketeers: PMR, GCA, and Seronegative RA
         – William Rigby, MD
9:45 am  Refreshment Break & Exhibits
         Yoga Break with Judi Bar
10:15 am Impaired gut barrier and implications for autoimmune disease and COVID-19 infection
         – Gregg Silverman, MD
10:45 am Immunologic insights into ILD in SOJIA and Still's disease
         – John Looney, MD
11:15 am Roundtable Panel Discussion
11:45 am Lunch

Session II: Old Diseases, New Treatments
Moderator: M. Elaine Husni, MD, MPH
1:00 pm  SpA - is TNF still the standard of care?
         – Lianne Gensler, MD
1:30 pm  PsA – Is TNF still the standard of care?
         – M. Elaine Husni, MD, MPH
2:00 pm  Panel Discussion
2:30 pm  Refreshment Break & Exhibits

Session III: Old Diseases, New Developments
Moderator: M. Elaine Husni, MD, MPH
2:45 pm  Managing SAPHO- is it just a PsA variant?
         – Adam Brown, MD
3:10 pm  Evolving Treatments in SLE
         – Emily Littlejohn, DO, MPH
3:35 pm  Complement and Vasculitis
         – Adam Brown, MD
4:00 pm  Panel Discussion
4:30 pm  Adjourn

Sunday, February 26, 2023
7:15 am  Breakfast
8:05 am  Welcome & Introductions

Session IV: COVID-19 and Rheumatologists/Clinical Immunologists
Moderator: Cassandra Calabrese, DO
8:15 am  Rheumatologists: Vaccines, breakthrough and treatment
         – Cassandra Calabrese, DO
8:45 am  Long COVID: Current status and challenges
         – Leonard H. Calabrese, DO
9:15 am  Sorting out cytokine storm and the role of immune based therapies
         – Puja Mehta, MD (Virtual)
9:45 am  Flip Classroom on COVID-19
10:15 am Refreshment Break & Exhibits

Session V: Wellness and Treating the COVID-19 patient: long term
Moderators: Leonard H. Calabrese, DO, and M. Elaine Husni, MD, MPH
10:45 am Integrative health approaches for optimum immune health
         – Chenchen Wang, MD, MSc
11:00 am Starting the conversation on mind body therapies: An integrative provider’s approach
         – Amanda Shallcross, ND, MPH
11:15 am Fireside Chat: Applying integrative health approaches to COVID-19 and beyond
         Moderators: Leonard H. Calabrese, DO, and M. Elaine Husni, MD, MPH
         Panel discussants: Chenchen Wang, MD, MSc, and Amanda Shallcross, ND, MPH
11:45 am Adjourn
Activity Co-Directors

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SAVE THE DATE

Biologic Therapies Summit X and Vasculitis 2023
May 11-13, 2023
www.ccfcme.org/Biologic23
Accreditation

In support of improving patient care, Cleveland Clinic Center for Continuing Education is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

CREDIT DESIGNATION

- **American Medical Association (AMA)**
  Cleveland Clinic Center for Continuing Education designates this live activity for a maximum of 9.75 **AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

- **American Nurses Credentialing Center (ANCC)**
  Cleveland Clinic Center for Continuing Education designates this live activity for a maximum of 9.75 ANCC contact hours.

- **American Academy of PAs (AAPA)**
  Cleveland Clinic Center for Continuing Education has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 9.75 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

MAINTENANCE OF CERTIFICATION

- **ABIM MOC**: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 9.75 medical knowledge MOC points in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

Other Health Care Professionals

A certificate of participation will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

Faculty Disclosure

The Cleveland Clinic Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Integrity and Independence requiring mitigation of all faculty conflicts of interest. Faculty declaring a relevant financial relationship will be identified in the activity syllabus.

Americans with Disabilities Act

The Cleveland Clinic Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify us at least two weeks prior to the activity.

Register Online at ccfcme.org/clinical23

In-person registration fee includes: continental breakfasts, refreshment breaks, Saturday lunch, and faculty PowerPoint presentations in PDF format, available online.

Live stream registration includes: access to the live stream (sessions are presented on Mountain Standard Time) and faculty PowerPoint presentations in PDF format, available online.

**Category** | **Early Bird January 20, 2023** | **After January 20, 2023**
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Physician | $150 | $200
Resident*/Fellow* | $0 | $0
Nurses, NPs, and PAs | $50 | $100
Corporate | $250 | $300
Cleveland Clinic Alumnus | $135 | $180
Live Stream | $0 | $0

*Letter from program director is required to receive the discounted fee. If letter is not received two weeks prior to the activity, the full physician fee will be charged.

Visit [www.ccfcme.org/clinical23](http://www.ccfcme.org/clinical23) for complete registration information.

Registration and Cancellation

Preregistrations are accepted until 2:00 pm ET on February 24, 2023. Register on site after this date. In case of cancellation, email notification is required to process your refund. A full refund will be issued if canceled by February 8, 2023. After January 8, a $100 cancellation fee will be deducted from your refund. Email notification of your cancellation by February January 27, 2023 is required to process your refund. No refunds will be issued after February 18, 2023.

Live stream access instructions will be emailed at least five business days prior to the course. Please note - sessions will be live streamed on Mountain Standard Time.

For questions about registration or cancellation, email us at cmeregistration@ccf.org or call 216.448.8710.

Cleveland Clinic Center for Continuing Education reserves the right to cancel or postpone an activity at our sole discretion. In the unlikely event that this occurs, any registration fee(s) paid will be refunded. Be advised that Cleveland Clinic is not responsible for related costs including airline tickets, hotel costs, or any similar fee penalties incurred as a result of any meeting cancellations or changes.
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