

# Yale Rheumatology State of the Art Symposium

*Reactive Arthritis, Post-infectious Inflammatory  
Disease, and Lessons for COVID*



Wednesday, May 18, 2022 | Live Virtual Webinar



The 2nd Annual Yale International Rheumatology Symposium is a day-long live Zoom webinar that will consider “reactive arthritis” in the broadest sense. We have recruited internationally recognized expert speakers. Starting with a session on classical reactive arthritis, we will then examine a variety of post-infectious inflammatory diseases, clinically distinct, but sharing potential pathogenetic commonalities. We will end with a consideration of the challenge of “long COVID” and the role of immune dysfunction in the perpetuation of this illness.

## Course Director



**Robert T. Schoen MD, MBA**  
Clinical Professor of Medicine  
Rheumatology, Allergy, and Immunology  
Yale School of Medicine

## Course Co-Directors



**Richard Bucala MD, PhD**  
Waldemar Von Zedtwitz Professor of Medicine,  
Pathology, and Epidemiology & Public Health  
Chief, Rheumatology, Allergy & Immunology  
Yale School of Medicine  
Rheumatologist-in-Chief,  
Yale New Haven Health



**Vaidehi Chowdhary, MBBS, MD, DM**  
Associate Professor  
Clinical Chief,  
Rheumatology, Allergy, & Immunology  
Yale School of Medicine

## Learning Objectives

This course will enable participants to:

- ~ Review the clinical features, diagnosis, and treatment of reactive arthritis
- ~ Discuss the microbiome and the pathogenesis of post infectious inflammatory disease
- ~ Manage post-acute COVID syndromes
- ~ Identify at-risk individuals
- ~ Discuss pre-autoimmunity and the prevention of rheumatic disease
- ~ Illustrate knowledge of innovations and advancements in the diagnosis and treatment of inflammatory diseases

## Symposium Faculty Speakers

subject to change

### Amita Agarwal, MD

Professor and Head of Clinical Immunology and Rheumatology  
Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India

### Leonard Calabrese, DO

Vice Chair, Department of Rheumatic and Immunologic Diseases, Cleveland Clinic

### Atul Deodhar, MD, MRCP

Professor of Medicine and  
Medical Director of Rheumatology Clinics  
Division of Arthritis & Rheumatic Diseases  
Oregon Health & Science University

### Luis Diaz, MD

CE Wheeler Jr Distinguished  
Professor of Dermatology  
University of North Carolina

### Jon Giles, MD, MPH

Associate Professor of Medicine,  
Columbia University  
College of Physicians & Surgeons

### Luiza Guilherme, PhD

Professor of Immunology and  
Immunopathology  
University Sao Paulo, Brazil

### Nigil Haroon, MD, PhD

Associate Professor of Medicine  
and Rheumatology  
University of Toronto  
Senior Scientist,  
Krembil Research Institute (Krembil)  
University Health Network

### Kevan Herold, MD

Long Professor of Immunobiology  
and Medicine  
Yale School of Medicine

### Akiko Iwasaki, PhD

Waldemar Von Zedtwitz  
Professor of Immunobiology and  
Professor of Molecular, Cellular and  
Developmental Biology  
Yale School of Medicine

### Frederick W. Miller, MD, PhD

Scientist Emeritus of the Environmental  
Autoimmunity Group  
National Institute of Environmental Health  
Sciences, NIH

### Renuka Nayak, MD, PhD

Assistant Professor of Medicine, University  
of California, San Francisco

### Jennifer Scott, MD

Visiting Research Fellow, Trinity College  
Dublin School of Medicine

### Erica Spatz, MD, MHS

Associate Professor of Cardiology  
and Epidemiology  
Yale School of Medicine

### Allen Steere, MD

Professor of Medicine,  
Harvard Medical School  
Director of Translational Research  
in Rheumatology,  
Massachusetts General Hospital

### Jinoos Yazdany, MD

Chief of Rheumatology,  
Zuckerberg San Francisco General Hospital  
Alice Betts Endowed Professor  
University of California, San Francisco

PRESENTED BY YALE SCHOOL OF MEDICINE

Department of Internal Medicine  
Section of Rheumatology, Allergy and Immunology





8:00 am Welcome and Introductions  
Richard Bucala MD, PhD

## REACTIVE ARTHRITIS

Moderator: Vaidehi Chowdhary, MBBS, MD, DM

8:10 am The Pathogenesis of Spondyloarthropathy  
Nigil Haroon, MD, PhD

8:35 am The Clinical Features, Diagnosis, and Treatment  
of Reactive Arthritis  
Atul Deodhar, MD

9:00 am Peridontal Pathogens in Rheumatoid Arthritis  
Jon Giles, MD, MPH

9:25 am Tropical Post-Infectious Arthritides  
Amita Agarwal, MD

9:50 am Panel | Q&A

10:05 am Refreshment Break

## REACTIVE ARTHRITIS

Moderator: Robert Schoen MD, MBA

10:30 am The Spectrum of Lyme Arthritis  
Allen Steere MD

10:55 am Acute Rheumatic Fever and Post Streptococcal Arthritis  
Luiza Guilherme, PhD

11:20 am Environmental Risk Factors for ANCA Vasculitis  
Jennifer Scott, MD

11:45 am Panel | Q&A

12:00 pm Lunch

## POST INFECTIOUS INFLAMMATORY DISEASE

Moderator: Richard Bucala MD, PhD

12:30 pm Increasing Prevalence of Antinuclear Antibodies in the  
United States  
Frederick W. Miller, MD, PhD

12:55 pm The Microbiome in Systemic Autoimmune Disease  
Renuka Nayak, MD, PhD

1:20 pm The Pathogenesis of Autoimmune Diabetes  
Kevan Herold, MD

1:45 pm The Pathogenesis of Pemphigus Vulgaris and Pemphigus  
Foliaceus, Including Fogo Selvagem  
Luis Diaz, MD

2:10 pm Panel | Q&A

2:30 pm Refreshment Break

## COVID

Moderator: Vaidehi Chowdhary, MBBS, MD, DM

2:45 pm Probing the Pathobiology of Long COVID  
Akiko Iwasaki, PhD

3:10 pm Post-Acute COVID Syndrome  
Erica Spatz, MD, MHS

3:35 pm COVID-19 and Rheumatic Disease  
Jinoos Yazdany, MD

4:00 pm Managing COVID in Rheumatic Disease Patients  
Leonard Calabrese, DO

4:35 pm Q&A Session  
Moderator: Robert Schoen, MD, MBA

5:00 pm Adjournment and Thanks  
Moderator: Richard Bucala, MD, PhD

## Registration Information

PLEASE NOTE: You must register online. This informational panel is not a registration form.

Yale Rheumatology State of the Art Symposium: Reactive Arthritis,  
Post-infectious Inflammatory Disease, and Lessons for COVID  
Friday, May 18, 2022

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Register online, at [cme.yale.edu](http://cme.yale.edu)

### ONLINE REGISTRATION INSTRUCTIONS:

1. Go to "Find/Register for CME"
2. Select "Live Courses"
3. Scroll down to "Yale Rheumatology State of the Art Symposium"
4. Click Register in order to proceed

Please note: You will be required to login or create a profile to register

OR, Please scan the image at right (QR Code)  
with your Smartphone or Tablet to be directed  
to the conference homepage and proceed with Step 4.



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### REGISTRATION FEES

Physicians – \$100

Nurses/PAs/Allied Health Professionals – \$50

Trainees/ Residents/Fellows/Students<sup>†</sup> – complimentary, registration required

Yale Staff and Faculty – complimentary, registration required

\*All cancellations must be received in writing (or via e-mail) at least one week prior to the start of the conference to receive a refund. Any requests for refunds received after this date, or by telephone, will not be honored.

<sup>†</sup>Trainees including Residents, Fellows, and Students are welcome. Please note, a letter of verification from department head must accompany registration. Letter should be sent separately to Yale CME at the below address. You may also e-mail a pdf copy of your verification letter to [cme@yale.edu](mailto:cme@yale.edu).

Mailing Address (for checks):  
Center for Continuing Medical Education  
Yale School of Medicine  
333 Cedar Street  
P.O. Box 208052  
New Haven, CT 06520-8052

If you have any questions, please contact Yale CME at [cme@yale.edu](mailto:cme@yale.edu) or 203.785.4578.

## Details

### ACCREDITATION STATEMENT

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

### DESIGNATION STATEMENT

The Yale School of Medicine designates this live activity for a maximum of 7.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### FINANCIAL SUPPORT

The Yale School of Medicine, Department of Internal Medicine, Section of Rheumatology, Allergy and Immunology, is grateful to its supporters. They are acknowledged in all conference materials.

### DISCLOSURE POLICY

It is the policy of Yale School of Medicine, Continuing Medical Education, to ensure balance, independence, objectivity and scientific rigor in all its educational programs. All faculty participating as speakers in these programs are required to disclose any relevant financial relationship(s) they (or spouse or partner) have with a commercial interest that benefits the individual in any financial amount that has occurred within the past 12 months; and the opportunity to affect the content of CME about the products or services of the commercial interests. The Center for Continuing Medical Education will ensure that any conflicts of interest are resolved before the educational activity occurs.

*Sterling Hall image by Janet Hamlin.*

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