Advanced Rheumatology

Provided by NYU Post-Graduate Medical School

Thursday – Saturday, March 16-18, 2017
New York, NY

Special Workshops

- State-of-the-Art Lectures
- Meet-the-Professor Luncheons
- Ultrasound – A Hands-On Workshop
- Lupus Instruments in Clinical Trials

REGISTER ONLINE AT:
med.nyu.edu/cme/rheumatology

ALSO OFFERED:

Musculoskeletal Ultrasound for Rheumatologists:
Beginner and Intermediate Levels

SATURDAY – SUNDAY • MARCH 18-19, 2017
med.nyu.edu/cme/ultrasound
Course Description
The annual NYU Langone Seminar in Advanced Rheumatology is a three-day conference that will review and address those areas where recent, solid knowledge in the treatment of rheumatic diseases is available, focusing particularly on the state of the art in rheumatology, at the leading edge between new clinical knowledge and its translation into practice. Rheumatology is a fast-moving field in which new discoveries are continually being made, and new treatment modalities developed. Because the basic and clinical scientific underpinnings of rheumatologic practice frequently and directly come to impact upon therapy, this course will also explore those areas of new science that are likely to prove important to the near-future management of patients with rheumatic disease. Lectures and Year-In-Review updates will provide participants with the latest information in arthritis, lupus and other rheumatologic conditions; panel discussions and optional Meet-the-Professors sessions will allow participants to raise questions and participate in dialog with the course instructors and clinical experts.

Target Audience
This course is intended for rheumatologists and trainees in the rheumatic diseases, as well as orthopedists, internists and other physicians with a special interest in rheumatology.

Statement of Need
There are new approaches to the treatment of rheumatoid arthritis, psoriasis and psoriatic arthritis, including newly available biologic therapies and small-molecule signal transduction inhibitors, as well as the potential for directly managing bone erosion. Clinicians need to be able to incorporate these new approaches into treatment paradigms, considering both safety and efficacy. Lupus management remains a core performance area in which rheumatologists require updating. A number of recent research results have clinical implications that are being gradually translated into care. Clinicians need to be aware of newer approaches to the treatment of lupus, including the central role of hydroxychloroquine, the expanding use of mycophenolate mofetil, the recent introduction of belimumab and the potential for new agents in the near future. Physicians must also be prepared to incorporate new thinking in regards to pathophysiology, genetics and the role of cytokines, as well as to be aware of the co-morbid conditions of SLE, including cardiac and neurologic disease, and their best management. The role of anti-phospholipid antibodies in tissue injury is another important target of lupus therapy. Scleroderma is a very difficult disease to modulate, but management of individual aspects of the disease is gradually improving. Therapies for pulmonary hypertension are now in common use, and anti-fibrotic agents for scleroderma are in clinical trials. In addition, the basic biology of the disease is increasingly understood. Clinicians should be aware of the newest insights into the biology of scleroderma, and how these can be applied to improve management of the disease. Primary vasculitis of the central nervous system is very rare, but it is both life threatening and potentially treatable. Accordingly, rheumatologists need to be able to recognize, diagnose and treat this entity in order to avoid catastrophic fatality.

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

• Recognize the clinical benefits, and manage risks of protein based biologic therapies for treatment of rheumatoid arthritis, psoriasis and psoriatic arthritis
• Develop strategies to determine when to introduce small-molecule signal transduction inhibitors into treatment
• Recognize the presence of co-morbidities associated with rheumatic diseases and account for these in treatment
• Evaluate new and future treatment approaches for lupus management
• Consider the roles of specific immune cells, genetics and cytokines in the pathogenesis of lupus, and the potential to exploit these factors as therapeutic targets
• Describe the state of the art regarding mechanisms of vascular disease, fibrosis and organ system dysfunction in scleroderma and inflammatory vasculitis, and to discuss the current treatments for vascular, kidney and pulmonary disease
• Recognize the signs and symptoms of primary vasculitis of the CNS, and develop strategies to both diagnose and initiate treatment
Location
NYU Langone Medical Center
Alumni Hall, Farkas Auditorium
550 First Avenue
New York, NY 10016

Contact Information
NYU Post-Graduate Medical School
Phone: (212) 263-5295
Fax: (212) 263-5293
Email: cme@nymc.org

Hotel Accommodations
Rooms are in very heavy demand in New York City; we urge you to make your reservations early. You may obtain a list of hotels located near NYU School of Medicine by visiting our website: med.nyu.edu/cme/travel

Parking
For information, please visit nyulangone.org/locations/tisch-hospital/parking. We cannot validate parking for registrants.

Accreditation Statement
The NYU Post-Graduate Medical School is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation Statement
The NYU Post-Graduate Medical School designates this live activity for a maximum of 21.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

PLENARY SESSIONS:
3/16: 6.75 AMA PRA Category 1 Credits™
3/17: 6.75 AMA PRA Category 1 Credits™
3/18: 3.50 AMA PRA Category 1 Credits™

AM WORKSHOPS:
3/16: 1.00 AMA PRA Category 1 Credits™
3/17: 1.00 AMA PRA Category 1 Credits™

MEET-THE-PROFESSOR LUNCHTIME WORKSHOPS:
3/16: 1.00 AMA PRA Category 1 Credits™
3/17: 1.00 AMA PRA Category 1 Credits™

Maintenance of Certification
Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 21.00 MOC points in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

Disclosure Statement
The NYU Post-Graduate Medical School adheres to ACCME accreditation requirements and policies, including the Standards for Commercial Support regarding industry support of continuing medical education. In order to resolve any identified conflicts of interest, disclosure information is provided during the planning process to ensure resolution of any identified conflicts. Disclosure of faculty and commercial relationships, as well as the discussion of unlabeled or unapproved use of any drug, device or procedure by the faculty, will be fully noted at the meeting.

REGISTER ONLINE AT:
med.nyu.edu/cme/rheumatology
**Course Directors**

Steven B. Abramson, MD
Jill P. Buyon, MD
Bruce N. Cronstein, MD
Michael Pillinger, MD

**Guest Faculty**

Alan N. Baer, MD
Associate Professor of Medicine
Johns Hopkins University
National Institute for Dental and Craniofacial Research/NIH
Baltimore, MD

Hermine I. Brunner, MD, MSc, MBA
Professor of Pediatrics
University of Cincinnati
Chief Division of Rheumatology
Cincinnati Children’s Hospital
Cincinnati, OH

Lisa Christopher-Stine, MD, MPH
Associate Professor of Medicine
Johns Hopkins University
Johns Hopkins Myositis Center
Baltimore, MD

Gary S. Firestein, MD
Distinguished Professor
UC San Diego, School of Medicine
San Diego, CA

Susan M. Goodman, MD
Associate Professor of Clinical Medicine
Weill Cornell Medical School
New York, NY

John G. Hanly, MD
Professor of Medicine and Pathology
Dalhousie University
Halifax, Nova Scotia

V. Michael Holers, MD
Professor Medicine and Immunology
University of Colorado, School of Medicine
Aurora, CO

Amy Klion, MD
Senior Clinical Investigator
National Institutes of Health
Baltimore, MD

Susan Manzi, MD, MPH
Professor of Medicine
Temple University
Pittsburgh, PA

Nancy J. Olsen, MD
Professor
Penn State Milton S. Hershey Medical Center
Hershey, PA

Virginia Pascual, MD
Director, Center for Inflammation and Genomics; Co-Director, Baylor Institute for Immunology Research
Baylor Scott & White Research Institute
Dallas, TX

David S. Pisetsky, MD, PhD
Professor of Medicine and Immunology
Duke University Medical Center
Chief of Rheumatology
Durham VA Medical Center
Durham, NC

Costantino Pitzalis, MD, PhD
Professor
Queen Mary University of London
London, UK

Jane E. Salmon, MD
Professor of Medicine
Weill Cornell Medicine — Hospital for Special Surgery
New York, NY

Michael Weinblatt, MD
The John Riedman Professor of Medicine
Harvard Medical School
Boston, MA

Kevin L. Winthrop, MD, MPH
Associate Professor of Infectious Diseases and Ophthalmology
Professor of Public Health
Oregon Health & Science University
Portland, OR

David Wofsy, MD
Professor of Medicine and Microbiology/Immunology
University of California — San Francisco
San Francisco, CA

**NYU School of Medicine**

Steven B. Abramson, MD
Frederick H. King Professor of Internal Medicine
Professor of Pathology
Chair, Department of Medicine

Natalie Azar, MD
Clinical Associate Professor of Medicine

H. Michael Belmont, MD
Professor of Medicine

Ashira D. Blazer, MD
Instructor in Medicine

Jill P. Buyon, MD
Lady Va and Sir Deryck Maughan Professor of Rheumatology
Director, Division of Rheumatology

Robert D. Clancy, PhD
Associate Professor of Medicine

Bruce N. Cronstein, MD
Dr. Paul R. Esserman Professor of Medicine
Professor of Pathology
Biochemistry and Molecular Pharmacology

Peter M. Izmirlı, MD
Assistant Professor of Medicine

Sicy H. Lee, MD
Clinical Assistant Professor of Medicine

Hal Mitnick, MD
Clinical Professor of Medicine

Adam Mor, MD, PhD
Assistant Professor of Medicine
and Pathology

Johannes Nowatzky, MD
Assistant Professor of Medicine

Michael Pillinger, MD
Professor of Medicine, Biochemistry and Molecular Pharmacology

Pamela B. Rosenthal, MD
Professor of Medicine

Jonathan Samuels, MD
Associate Professor of Medicine

Amit Saxena, MD
Assistant Professor of Medicine

José U. Scher, MD
Assistant Professor of Medicine

Gregg J. Silverman, MD
Professor of Medicine and Pathology

Stephen A. Smiles, MD
Clinical Associate Professor of Medicine

Bruce Solitar, MD
Clinical Associate Professor of Medicine

Gary E. Solomon, MD
Clinical Associate Professor of Medicine

Yusuf Yazici, MD
Clinical Associate Professor of Medicine
## Course Schedule

### Thursday, March 16

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>Registration and Continental Breakfast</td>
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<tr>
<td>7:15</td>
<td>Optional Morning Workshop:</td>
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<tr>
<td></td>
<td>1. Assessment of RA Outcomes and Monitoring in Routine Care</td>
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<tr>
<td></td>
<td>2. Ultrasound – A Hands-On Workshop</td>
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<tr>
<td>8:25</td>
<td>Welcome and Introduction</td>
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<tr>
<td></td>
<td><strong>INFLAMMATORY ARTHRITIS</strong></td>
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<tr>
<td></td>
<td>MODERATORS:Gary E. Solomon, MD and Johannes Nowatzky, MD</td>
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<tr>
<td>8:30</td>
<td>WEISSMANN LECTURE: Pathobiology of Rheumatoid Arthritis: Towards a Molecular Definition and Precision Medicine Costantini Pitzalis, MD, PhD</td>
</tr>
<tr>
<td>9:05</td>
<td>Controlling the Adaptive Immune Response</td>
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<tr>
<td>9:40</td>
<td>Coffee Break</td>
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<tr>
<td>10:05</td>
<td>Insights into Epigenetics of Arthritis</td>
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<tr>
<td>10:40</td>
<td>Autoantibodies and Clinical Management of Lupus</td>
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<tr>
<td>11:15</td>
<td>Inflammatory Bone Disease</td>
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<tr>
<td>11:50</td>
<td>Lunch (on your own)</td>
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<tr>
<td>8:30</td>
<td>Reflections on Drug Development for SLE</td>
</tr>
<tr>
<td>9:15</td>
<td>Personalized Immunomonitoring in SLE and Therapeutic Implications</td>
</tr>
<tr>
<td>10:00</td>
<td>aPL: Translational News in 2017</td>
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<tr>
<td>10:20</td>
<td>Coffee Break</td>
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<tr>
<td>10:30</td>
<td>New Insights into the Pathogenesis of SLE: Year in Review</td>
</tr>
<tr>
<td>11:05</td>
<td>Clinical Advances in Lupus: Year in Review</td>
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<tr>
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<td>Hyperesinophilic Syndromes</td>
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<td>Update on Gout</td>
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### INFLAMMATORY ARTHRITIS – CLINICAL ASPECTS

**MODERATORS:** Sicy H. Lee, MD and Stephen A. Smiles, MD

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<thead>
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<th>Time</th>
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<tbody>
<tr>
<td>1:00 pm</td>
<td>Treatment of Rheumatoid Arthritis in 2017</td>
</tr>
<tr>
<td>1:35</td>
<td>Update on Psoriatic Arthritis</td>
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### APPROACH AND CONTROVERSIES IN LUPUS THROUGH THE AGES

**MODERATORS:** Ashira D. Blazer, MD and Amit Saxena MD

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<td>SLE Living Longer: Comorbidities to Consider</td>
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<td>CNS Lupus: An Approach to Diagnosis and Treatment</td>
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<td>2:25</td>
<td>Debate: Controversies in the Management of Lupus and Anti-Phospholipid Pregnancies</td>
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<td>MODERATOR: H. Michael Belmont, MD</td>
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<td>Jill P. Buyon, MD</td>
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<td>Jane E. Salmon, MD</td>
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<tbody>
<tr>
<td>4:10</td>
<td>Reflective Statements</td>
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<tr>
<td>4:15</td>
<td>Panel Discussion:</td>
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<tr>
<td>5:05 pm</td>
<td>Adjourn</td>
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### UPDATES IN MUSCULOSKELETAL DISEASE

**MODERATORS:** Natalie Azar, MD and Pamela B. Rosenthal, MD

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Registration Form
Seminar in Advanced Rheumatology – March 16-18, 2017

NYU Langone Medical Center, Alumni Hall, Farkas Auditorium, New York, NY 10016
Register online at: med.nyu.edu/cme/rheumatology

After 12 pm on March 14, 2017, only onsite registration is available provided the course has not reached capacity. Onsite registrants will incur an additional $20 charge and will receive a receipt by email in 1-2 weeks.

PLEASE PRINT CLEARLY IN BLOCK LETTERS AND NUMBERS

Name
FIRST M.I. LAST
Address
City State Zip
Email

Day Phone (___) Fax (___)

Degree __________________________ Specialty __________________________

Payment Summary
• Course Fee $__________
• Meet-the-Professor Lunchtime Workshops ...#___@ $25ea = $__________

TOTAL AMOUNT DUE $__________

Methods of Payment (cash and phone registration are not accepted)

Mail Checks to:
NYU Post-Graduate Medical School
P.O. Box 419252
Boston, MA 02241-9252

Check in U.S. Dollars only: $__________

Credit Card Payment (see below)

International Postal Money Order: $__________

Foreign registrants, including those from Canada, must pay by International Postal Money Order or credit card.

Credit Card Number: ____________

Card Member's Name: __________________________

Exp Date: ____________ CVV Code: ____________

Signature: ______________________________________

Special Needs or requests: __________________________

Workshop Registration
THURSDAY, MARCH 16
Optional AM Workshops
(FREE, please only select one)

☐ 1  Yusuf Yazici, MD
Assessment of RA Outcomes and Monitoring in Routine Care

☐ 2  Jonathan Samuels, MD
Ultrasound – A Hands-On Workshop

Optional Meet-the-Professor Lunchtime Workshops ($25, please only select one)

☐ 3  Susan M. Goodman, MD
Racial Healthcare Disparities: Lessons Learned from Arthroplasty

☐ 4  José U. Scher, MD
New Paradigms in Psoriatic Disease Pathogenesis & Therapeutics

☐ 5  Michael Weinblatt, MD
Treatment of Difficult Rheumatoid Arthritis

☐ 6  Kevin L. Winthrop, MD, MPH
Infection Prevention and Treatment within Rheumatology

FRIDAY, MARCH 17
Optional AM Workshops
(FREE)

☐ 7  Amit Saxena, MD
Lupus Instruments in Clinical Trials

Optional Meet-the-Professor Lunchtime Workshops ($25, please only select one)

☐ 8  H. Michael Belmont, MD
Refractory Lupus Nephritis: Beyond the ACR Treatment Guidelines

☐ 9  Hermine I. Brunner, MD, MSc, MBA
Unresolved Issues in Management of APS & CAPS

☐ 10  John G. Hanly, MD
Diagnosis and Treatment of Challenging Lupus Cases

☐ 11  Nancy J. Olsen, MD
Prevention of Systemic Lupus Erythematosus

REFUND POLICY In order to request a refund, you must complete and submit our online refund form no later than 14 days prior to the first day of the course. An administrative fee of $75 will be deducted from your refund. Cancellations or no-shows after this date are not eligible for a refund. Registration is non-transferable.

COURSE CANCELLATION If a course is cancelled due to inclement weather, insufficient enrollment, or any other reason, NYU PGMS will refund registration fees in full. NYU PGMS will provide at least two weeks advance notice if cancelling due to insufficient enrollment and as soon as possible in all other circumstances. NYU PGMS is not responsible for any airfare, hotel, or other non-cancellable costs incurred by the registrant.
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