



Sponsored by the NYU Post-Graduate Medical School
NYU**Hospital for Joint Diseases**

SEMINAR IN
Advanced
RHEUMATOLOGY



MARCH 11-13, 2010
New York, NY

SPECIAL WORKSHOPS:

- State-of-the-Art Lectures
- Meet the Professor Luncheons
- Useful Review for Boards and ABIM Recertification
- Clinical Databases & Research in the Office Setting
- Ultrasound in the Office Setting



CME Information

The Post-Graduate Medical School of the New York University School of Medicine is committed to improving patient care through continuing medical education.

Course Description and Target Audience - The annual Seminar in Advanced Rheumatology is an informative conference for rheumatologists, orthopedists, and trainees in the rheumatic diseases and internists with a special interest in rheumatology. It is not intended as a primary introduction to rheumatology, but will focus on those areas where recent, solid knowledge in the treatment of rheumatic diseases is available. 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 knowledge that are likely to prove important to the near-future management of patients with rheumatic disease.

Statement of Need - The management of osteoporosis was greatly advanced by the identification of bisphosphonates and other drugs that effectively help manage bone density, however the question of who requires therapy remains unresolved. Recommendations based on low bone mass alone may fail to account for other important causative or modifying risk factors, therefore, more inclusive approaches would incorporate other biologic, social and genetic components that may modify the risk of low bone mass alone. Additionally, clinicians need to be aware of strategies to decide length of treatment, and how treatment outcomes should be assessed.

The rate of co-morbidity with rheumatic diseases such as rheumatoid and psoriatic arthritis, lupus and gout is pretty well established. CVD for instance, is significantly higher in this population than in the general population. Biologic therapies are currently the cutting edge of treatment for rheumatoid and psoriatic arthritis, but for the average practicing clinician, there may be too many to choose from, and deciding how to choose one is relatively unclear. Practicing rheumatologists need to understand the relative differences between these agents, and be able to determine which agent is most appropriate for which type of patient.

The anti-phospholipid syndrome results in thrombotic events and can be incapacitating, permanently debilitating or catastrophic. Understanding of the syndrome and its treatment remains limited, and physicians need to be aware of the latest studies in order to provide the best possible care to their patients. Osteoarthritis afflicts approximately 40 million Americans. Practicing clinicians need to be aware of the limitations of standard treatments that address only pain, and eventually will need to address structure in the joints—prevention of joint deterioration. Practicing rheumatologists need to be aware of future, novel treatments as well as the standards of evaluation.

Educational Objectives

- Incorporate rigorous assessment of bone density loss with other assessments of fracture risk, when evaluating patients for osteoporosis treatment as well as strategies to determine length of treatment and assessment of treatment outcomes.
- Discuss the cardiovascular risk factors associated with rheumatic disease and incorporate a strategy to prevent cardiovascular events in patients being treated for rheumatoid arthritis, lupus, gout and other rheumatologic diseases.
- Develop safe, targeted, and effective treatment plans for patients with rheumatoid and psoriatic arthritis by recognizing the indications and adverse effects of available biologic therapies as well as patient-specific factors.
- Apply up-to-date knowledge of the pathophysiology and treatment of the anti-phospholipid syndrome to the diagnosis and management of patients with this condition.
- Re-evaluate routine osteoarthritis management, and consider how cartilage biology may lead to joint structure preservation through pharmacological agents, and how the utility of future osteoarthritis treatment approaches should be assessed.

Faculty

COURSE DIRECTORS

Steven B. Abramson, MD
Jill P. Buyon, MD

Bruce N. Cronstein, MD
Michael H. Pillinger, MD

Guest Faculty

Michael B. Brenner, MD
Professor of Medicine
Harvard Medical School
Chief, Division of Rheumatology,
Immunology and Allergy
Dana-Farber Cancer Institute
Boston, MA

Robert Fox, MD, PhD
Chief, Rheumatology Clinic
Scripps Memorial Hospital
and Research Foundation
La Jolla, CA

Bevra H. Hahn, MD
Professor of Medicine
David Geffen School of Medicine
at UCLA
Los Angeles, CA

Diane Kamen, MD, MSCR
Assistant Professor of Medicine
Division of Rheumatology
and Immunology
Medical University of
South Carolina
Charleston, SC

Nancy E. Lane, MD
Director and Endowed Professor
Aging Center, Medicine
and Rheumatology
University of California at Davis
Medical Center
Sacramento, CA

Michael D. Lockshin, MD
Professor of Medicine and
Obstetrics-Gynecology
Weill Cornell Medical College
Director, Barbara Volcker Center
Hospital for Special Surgery
New York, NY

Philip J. Mease, MD
Clinical Professor of Medicine
Seattle Rheumatology Associates
Director, Rheumatology
Clinical Research,
Swedish Medical Center
University of Washington
School of Medicine
Seattle, WA

Larry W. Moreland, MD
Margaret Jane Miller Endowed
Professor for Arthritis Research
Chief, Division of Rheumatology
and Clinical Immunology
University of Pittsburgh
Medical Center
UPMC Arthritis and
Autoimmunity Center
Pittsburgh, PA

Virginia Pascual, MD
Investigator
Baylor Institute for
Immunology Research
Dallas, TX

Michael E. Weinblatt, MD
John R. and Eileen K. Riedman
Professor of Medicine
Harvard Medical School
Division of Rheumatology,
Immunology and Allergy
Brigham and Women's Hospital
Boston, MA

Robert J. Winchester, MD
Professor and Chair,
Rheumatology Division
Columbia University College of
Physicians and Surgeons
New York-Presbyterian Hospital
New York, NY

David Wofsy, MD
Professor of Medicine and
Microbiology/Immunology
Associate Dean for Admissions
University of California,
San Francisco, CA

NYU School of Medicine & NYU Hospital for Joint Diseases Faculty

Steven B. Abramson, MD
Professor of Medicine
and Pathology

Anca Dinu Askanase, MD
Assistant Professor of Medicine

H. Michael Belmont, MD
Associate Professor of Medicine

Jill P. Buyon, MD
Professor of Medicine

Robert D. Clancy, PhD
Associate Professor of Medicine

Michael J. Colin, MD
Clinical Assistant Professor

Bruce N. Cronstein, MD
Professor of Medicine, Pathology,
and Pharmacology

Mark A. Eberle, MD
Clinical Associate Professor of
Medicine

Jeffrey D. Greenberg, MD, MPH
Assistant Professor of Medicine

Peter K. Gregersen, MD
Professor of Medicine
and Pathology

Stephen Honig, MD, MSc
Clinical Associate Professor

Peter M. Izmirly, MD
Instructor in Medicine

Sicy H. Lee, MD
Clinical Assistant Professor of
Medicine

Michael H. Pillinger, MD
Associate Professor of Medicine
and Pharmacology

Theodore Pincus, MD
Clinical Professor of Medicine

Soumya M. Reddy, MD
Assistant Professor of Medicine

Pamela B. Rosenthal, MD
Assistant Professor of Medicine

Jonathan Samuels, MD
Assistant Professor of Medicine

Stephen Smiles, MD
Clinical Associate Professor of
Medicine

Bruce M. Solitar, MD
Associate Professor of Medicine

Gary E. Solomon, MD
Clinical Associate Professor of
Medicine

Chung-E Tseng, MD
Clinical Assistant Professor
of Medicine

Gerald Weissmann, MD, MACR
Professor Emeritus of Medicine
Research Professor

Yusuf Yazici, MD
Assistant Professor of Medicine

General Information

Location

NYU School of Medicine
Alumni Hall
Farkas Auditorium
550 First Avenue (31st St.)
New York, NY 10016

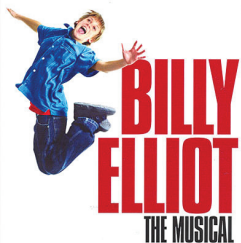
**PHOTO IDENTIFICATION IS REQUIRED
TO ENTER THE MEDICAL CENTER.**



Friday, March 12, 2010
8:00 pm Performance of

Billy Elliot

Price: \$100.00 per ticket



Save the Date

Wednesday, March 10, 2010

Pediatric Rheumatology:
An Update for
Pediatricians & Rheumatologists
CME Afternoon Program

Online Registration Preferred

Applications will be accepted in order of their receipt. Visit our secure website <http://cme.med.nyu.edu/rheumatology> to submit online registration.

Mailing Address and Contact Information:

Registration Office
NYU Post-Graduate Medical School
P. O. Box 1855
Murray Hill Station, New York, NY 10016
Phone: 212-263-5295
Fax: 212-263-5293

Please Note: We cannot accept telephone registration.

Course Confirmation

Please supply your e-mail address to receive a confirmation letter. Written confirmation will not be mailed.

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 educational activity for a maximum of 22.25 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Plenary Session:

Maximum of 17 AMA PRA credits

3/11: 6.75 credits

3/12: 6.75 credits

3/13: 3.5 credits

AM Workshops:

3/11: 1 Credit

3/12: 1 Credit

Meet the Professor Luncheon
Workshops:

3/11: 1.25 Credits

3/12: 1.25 Credits

3/13: 0.75 Credits

To obtain CME credit, you must:

(1) have your ID badge electronically scanned for attendance once each day, and (2) access our website, www.med.nyu.edu/cme, and click on the Online Course Evaluator/CME Credit Process (follow all instructions to receive instantaneous letter of credit).

Disclosure Statement

The NYU Post-Graduate Medical School adheres to the ACCME Essential Areas 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.

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: www.med.nyu.edu/cme

Parking

Parking is available on 29th and 30th Streets between First and Second Avenues, as well as at the Schwartz Health Care Center garage on First Avenue and 30th Street. **Please note:** we cannot validate parking for registrants.

If there is a specific topic or question that would help fulfill your educational needs, please submit it on the registration panel.



Agenda

Thursday, March 11, 2010

7:00-8:15 Registration and Continental Breakfast

7:15-8:15 am

Optional AM Workshops on Clinical Databases and Research in the Office Setting

- 1) Yusuf Yazici, MD - Assessment of Rheumatoid Arthritis Outcomes and Patient Monitoring in Routine Care
- 2) Jonathan Samuels, MD - Ultrasound

8:15-8:30 Welcome - *Steven B. Abramson, MD*

INFLAMMATORY ARTHRITIS

Moderators: *Gary E. Solomon, MD* and *Michael J. Colin, MD*

8:30 am Pathogenesis of Rheumatoid Arthritis
Gerald Weissmann, MD, MACR

9:05 Psoriasis and Psoriatic Arthritis
Robert J. Winchester, MD

9:40 Genetics of RA - An Emerging Tapestry
Peter K. Gregersen, MD

10:15 Coffee Break

10:30 Cardiovascular Complications of RA
Jeffrey D. Greenberg, MD, MPH

11:05 How CD1d Restricted NKT Cells Get Activated Without Foreign Antigen
Michael B. Brenner, MD

11:40-12:40 pm

Optional Lunch and Meet the Professor Workshops

- 3) *Jeffrey D. Greenberg, MD, MPH* - Managing Cardiovascular Risk in RA
- 4) *Michael E. Weinblatt, MD* - How to Treat Refractory RA
- 5) *Theodore Pincus, MD* - Practical Implementation of MDHAQ and RAPID3 in Rheumatology Care

THERAPY OF RHEUMATOID ARTHRITIS

Moderators: *Sicy H. Lee, MD* and *Stephen Smiles, MD*

1:00 pm How Does Methotrexate Work?
Bruce N. Cronstein, MD

1:35 New Small Molecule Therapies for RA
Michael E. Weinblatt, MD

2:10 Biological Therapies in RA
Larry W. Moreland, MD

2:45 Coffee Break

3:00 Treating Psoriatic Arthritis - *Phillip Mease, MD*

3:35 Application of the Scientific Method in Outpatient Rheumatology Care using the MDHAQ and RAPID3 - *Theodore Pincus, MD*

Panel Discussion

Chair: *Steven B. Abramson, MD*

Panelists: *Jeffrey D. Greenberg, MD, MPH; Phillip J. Mease, MD; Theodore Pincus, MD; Michael E. Weinblatt, MD; Gary E. Solomon, MD*

5:00 Adjourn

6:00 Gala Reception

Friday, March 12, 2010

7:15-8:30 Continental Breakfast

7:30-8:30 am

Optional AM Workshops on Clinical Databases and Research in the Office Setting

- 6) *Jill P. Buyon, MD* - BILAG and SLEDAI Scoring in Lupus Trials
- 7) *Jeffrey D. Greenberg, MD, MPH* - Rheumatoid Arthritis: Clinical and Translational Registries
- 8) *Soumya M. Reddy, MD* - Outcome Measures in a Psoriatic Arthritis Research Registry

Updates in Lupus: Bench to Bedside and Back, Part I

Moderators: *H. Michael Belmont, MD* and *Peter Izmirly, MD*

8:30 The Ever Increasing Complexity of Lupus Pathogenesis View from 2010
Bevra H. Hahn, MD

9:15 Molecular Signatures in SLE and Clinical Applications - *Virginia Pascual, MD*

10:00 Coffee Break

10:15 Continuous Trials and Tribulations in SLE: Renal and Extrarenal Trials - *David Wofsy, MD*

11:00 Renal and Atherosclerotic Risk in SLE: Clues from the Endothelium - *Robert D. Clancy, PhD*

11:45

Optional Lunch and Meet the Professor Workshops

- 9) *David Wofsy, MD* - Management of Difficult Lupus
- 10) *Bevra H. Hahn, MD* - Management of Difficult Lupus
- 11) *Michael D. Lockshin, MD* - Antiphospholipid Syndrome
- 12) *Robert Fox, MD, PhD* - Sjögren's Syndrome

March 11-13 Workshop Registration

March 11, 2010

Optional AM Workshops (FREE, please select one)

1. *Yusuf Yazici, MD* - Assessment of Rheumatoid Arthritis Outcomes and Patient Monitoring in Routine Care
2. *Jonathan Samuels, MD* - Ultrasound

Optional Lunch and Meet the Professor Workshops (\$25, please select one)

3. *Jeffrey Greenberg, MD, MPH* - Managing Cardiovascular Risk in RA
4. *Michael E. Weinblatt, MD* - How to Treat Refractory RA
5. *Theodore Pincus, MD* - Practical Implementation of MDHAQ and RAPID3 in Rheumatology Care

March 12, 2010

Optional AM Workshops (FREE, please select one)

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Optional Lunch and Meet the Professor Workshops (\$25, please select one)

9. *David Wofsy, MD* - Management of Difficult Lupus
10. *Bevra H. Hahn, MD* - Management of Difficult Lupus
11. *Michael D. Lockshin, MD* - Antiphospholipid Syndrome
12. *Robert Fox, MD, PhD* - Sjögren's Syndrome

March 13, 2010

Optional Lunch and Meet the Professor Workshops (\$25, please select one)

13. *Stephen Honig, MD, MSc* - Fracture Risks and Treatment Decisions
14. *Yusuf Yazici, MD* - Behcet's Syndrome
15. *Michael H. Pillinger, MD* - Management of Gout
16. *Bruce M. Solitar, MD* - Diagnosis and Management of Fibromyalgia

Updates in Lupus: Bench to Bedside and Back, Part II

Moderators: *Chung-E Tseng, MD* and
Anca Dinu Askanase, MD, MPH

- 1:00 pm **IRA GOLDSTEIN MEMORIAL LECTURE**
Clinical Updates on the Anti-Phospholipid Syndrome - *Michael D. Lockshin, MD*
- 1:45 Neonatal Lupus: Lessons Learned from the Bench and Translated to the Clinic
Jill P. Buyon, MD
- 2:30 Vitamin D: New Kid on the Block?
Diane Kamen, MD, MSCR
- 3:15 Coffee Break
- 3:30 Sjögren's Syndrome: Translating Basics to Patient Care - *Robert Fox, MD, PhD*
- 4:15 Panel Discussion
Chair: *Jill P. Buyon, MD*
Panelists: *H. Michael Belmont, MD;*
David Wofsy, MD; *Michael D. Lockshin, MD;*
Robert Fox, MD, PhD; *Diane Kamen, MD, MSCR*
- 5:00 Adjourn

Saturday, March 13, 2010

- 8:00 am Continental Breakfast

Advances in Other Rheumatic Diseases

Moderators: *Mark A. Eberle MD* and *Pamela B. Rosenthal, MD*

- 8:30 Pathogenesis and Treatment of Osteoarthritis
Steven B. Abramson, MD
- 9:10 Novel Treatments of Osteoarthritis: Pain Versus Structure? - *Nancy E. Lane, MD*
- 9:50 Necrotizing Vasculitis: A 2010 Update
Yusuf Yazici, MD
- 10:25 Coffee Break
- 10:40 Gout and its Comorbidities
Michael H. Pillinger, MD
- 11:10 Low Bone Mass: Assessing Fracture Risk and Need to Treat - *Stephen Honig, MD, MSc*
- 11:40 Fibromyalgia: Knowns, Unknowns and Current Treatment - *Bruce M. Solitar, MD*

12:10

Optional Lunch and Meet the Professor Workshops

- 13) *Stephen Honig, MD, MSc* - Fracture Risks and Treatment Decisions
- 14) *Yusuf Yazici, MD* - Behcet's Syndrome
- 15) *Michael H. Pillinger, MD* - Management of Gout
- 16) *Bruce M. Solitar, MD* - Diagnosis and Management of Fibromyalgia

1:00 pm Adjourn

Course Registration Form

Seminar In Advanced Rheumatology – March 11-13, 2010 – #304

(Please do not reduce or enlarge this form.)

PLEASE PRINT ALL INFORMATION CLEARLY IN BLOCK LETTERS & NUMBERS.

Name _____
First M.I. Last

Address _____

City _____ State _____ Zip _____

Course Confirmation: Please supply your e-mail address to receive a confirmation letter. Written confirmation will not be mailed. Make sure your e-mail address is clearly written.

E-mail _____

Day Phone () _____ Fax () _____

Degree _____ Specialty _____

PAYMENT SUMMARY:

- Course Fee** \$ _____
- Meet the Professor Luncheon Workshops** # ____ @ \$25.00 ea = \$ _____
- Billy Elliot Broadway Show** Friday, March 12, 2010 # ____ @ \$100.00 ea = \$ _____

TOTAL AMOUNT DUE \$ _____

METHODS OF PAYMENT: (Cash and phone registration are not accepted)

If faxing, do not mail or re fax, this will only result in a duplicate charge to your account.

- 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.)

Make check payable to:
 NYU Post-Graduate Medical School

Send to: Registration Department
 NYU Post-Graduate Medical School
 P.O. Box 1855, Murray Hill Station
 New York, NY 10016

PAYMENT BY CREDIT CARD: Credit card payments may be faxed to (212) 263-5293

Bill To: Visa MasterCard American Express **Amount to be charged:** \$ _____

Credit Card Number: _____ Expiration Date _____ CVC Code _____
(3 digits on back of credit card)

Card Member's Name: _____ Signature _____
(please print)

Refund Policy: An administrative charge of **30% of your tuition payment** will be assessed for cancellations prior to **February 25, 2010**. Cancellations must be in writing and postmarked no later than the above date. (Faxes and e-mails are not accepted). Cancellations will not be accepted after the above date.

Course Cancellation Policy: In the unusual circumstance that this course is cancelled, two weeks notice will be given and tuition will be refunded in full. The NYU Post-Graduate Medical School is not responsible for any airfare, hotel or other costs incurred.

 **Special needs or requests** To help fulfill your continuing education needs, submit a question or topic relating to this course:

Full Fee Physicians: \$500 **Reduced Fee:** \$375*
Physician Early Registration Fee:
 \$425 (by January 15, 2010)

Rheumatology Fellows: Free
 (with letter of certification from program director)
To register, contact Jenny Law
 Phone: 212-598-6582 Fax: 212-598-6119

On-site registrants will incur an additional \$20 charge and will receive a receipt by e-mail in 1-2 weeks.

After March 9, 2010, only on-site registration is available.

***Reduced fee:** Physicians-in-training with letter of certification from Chief of Service; NYU School of Medicine alumni, former residents and fellows; M.D.s employed by the Department of Veterans Affairs Medical Center; full-time active military personnel; nurse practitioners; and all other non-M.D. Healthcare professionals. Eligibility for reduced fee must be indicated below.



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Visit the NYU Post-Graduate
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<http://cme.med.nyu.edu/rheumatology>