



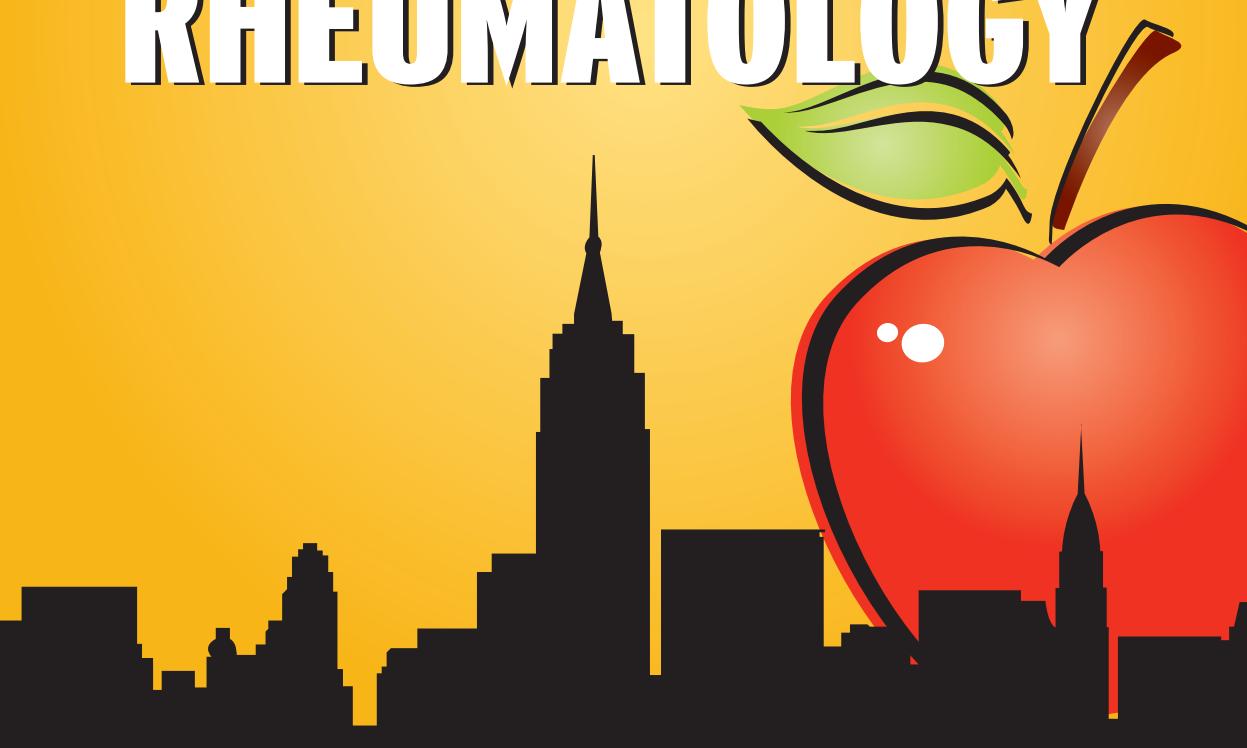
NYU

School of Medicine

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



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. Pilling, 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. Pilling, 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.**



## 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](http://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](http://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 <i>Gerald Weissmann, MD, MACR</i>
9:05	Psoriasis and Psoriatic Arthritis <i>Robert J. Winchester, MD</i>
9:40	Genetics of RA - An Emerging Tapestry <i>Peter K. Gregersen, MD</i>
10:15	Coffee Break
10:30	Cardiovascular Complications of RA <i>Jeffrey D. Greenberg, MD, MPH</i>
11:05	How CD1d Restricted NKT Cells Get Activated Without Foreign Antigen <i>Michael B. Brenner, MD</i>

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: *Sicu H. Lee, MD* and *Stephen Smiles, MD*

1:00 pm	How Does Methotrexate Work? <i>Bruce N. Cronstein, MD</i>
1:35	New Small Molecule Therapies for RA <i>Michael E. Weinblatt, MD</i>
2:10	Biological Therapies in RA <i>Larry W. Moreland, MD</i>
2:45	Coffee Break

3:00

Treating Psoriatic Arthritis - *Philip Mease, MD*

3:35

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

4:10

### 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 <i>Bevra H. Hahn, MD</i>
9:15	Molecular Signatures in SLE and Clinical Applications - <i>Virginia Pascual, MD</i>
10:00	Coffee Break
10:15	Continuous Trials and Tribulations in SLE: Renal and Extrarenal Trials - <i>David Wofsy, MD</i>
11:00	Renal and Atherosclerotic Risk in SLE: Clues from the Endothelium - <i>Robert D. Clancy, PhD</i>

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

### 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. Pilling, 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. Pilling, MD* - Management of Gout

16) *Bruce M. Solitar, MD* - Diagnosis and Management of Fibromyalgia

1:00 pm Adjourn

### 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)

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

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. Pilling, MD* - Management of Gout

16. *Bruce M. Solitar, MD* - Diagnosis and Management of Fibromyalgia

# 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 refax, 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:

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**Advanced  
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**New York, NY**

Visit the NYU Post-Graduate  
Medical School website at:  
<http://cme.med.nyu.edu/heumatology>