CONTINUING MEDICAL EDUCATION

April 15-16, 2016

Johns Hopkins University School of Medicine
Department of Medicine • Division of Rheumatology presents

12th Annual
Advances in the Diagnosis and Treatment of the Rheumatic Diseases

at the
Lord Baltimore Hotel
Baltimore, Maryland

Now Available Via Live Stream!
Rheumatic Diseases

Available Via Live Stream

Lord Baltimore Hotel
Baltimore, Maryland

April 15-16, 2016
Baltimore, Maryland

12th Annual Advances in the Diagnosis and Treatment of Rheumatic Diseases

General Information

Registration
For further information or to register, call (800) 962-6714 between the hours of 9:00 a.m. and 5:00 p.m., ET, Monday through Friday, or online at www.hopkinscme.edu/CourseDetail.aspx/80036816.

Methods of Payment
Payment by check or credit card only. Foreign payments must be made by credit card via a U.S. Dollar World Money Order.

Accreditation Statement
The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation Statement
The Johns Hopkins University School of Medicine designates this live activity for a maximum of 17 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Weekly Fax

April 15-16, 2016
Baltimore, Maryland

Who Should Attend
This activity is intended for rheumatologists, internists, gerontologists, orthopedic surgeons, nurses and other allied health professionals involved in the care of patients with rheumatic diseases.

Objectives
After attending this activity, the participant will demonstrate the ability to:

• Discuss treatment strategies in lupus.
• Discuss safety considerations with biological agents in the treatment of rheumatoid disease.
• Discuss current treatment in the management of the pediatric patient with rheumatic disease.
• Identify advances in diagnosis and treatment of special populations.
• Appraise current management approaches in the diagnosis and treatment of psoriatic arthritis and enthesitis.
• Recognize soft tissue manifestations associated with rheumatic diseases.
• Outline management of chronic pain.

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Other Credit
American Nurses Credentialing Center (ANCC) accepts AMA PRA Category 1 Credits™ from organizations accredited by the ACCME.

American Association of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified by AMA PRA Category 1 Credits™. From organizations accredited by the ACCME. Physician assistants may receive a maximum of 17 AAPA Category I CPE credits for completing this program.

Policy on Speaker and Provider Disclosure
It is the policy of the Johns Hopkins University School of Medicine that the speaker and provider disclose real or apparent conflicts of interest relating to the topics of this educational activity, and also disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentation(s). The Johns Hopkins University School of Medicine (JHUSOM) has established policies in place that will identify and resolve all conflicts of interest prior to the educational activity. Detailed disclosure will be made in the activity handout materials.

Acknowledgement
Applications for commercial support from health care related industries are pending. A complete list of contributors will be provided in the syllabus. Please note that commercial support received is solely for the educational component of the activity and will not be used to provide food and beverages.

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Evaluation
A form will be available to attendees to evaluate each session and each speaker’s presentation, as well as to identify future educational needs.

Outcomes Survey
A survey will be sent to all physician attendees within three months post activity to assist in determining what impact this activity had on the attendee’s practice.

Continuing Medical Education

April 15-16, 2016
Baltimore, Maryland
**Program**
12th Annual Advances in the Diagnosis and Treatment of the Rheumatic Diseases

Friday, April 15, 2016

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>7:15</td>
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<td>8:00</td>
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<td>12:15</td>
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<td>3:45</td>
<td>4:30 Advances in the Diagnosis and Treatment of Gout</td>
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<tr>
<td>4:30</td>
<td>4:35 Adjourn - Please complete and return the Activity Evaluation</td>
</tr>
</tbody>
</table>

**Activity Co-Directors**

Clifton O. Bingham, III, MD  
Ass迫cerate Professor of Medicine  
Division of Rheumatology  
Co-Director, Johns Hopkins Arthritis Center  
Director, Johns Hopkins Arthritis Center  
Director, Rapid Arthritis Care and Evaluation Clinic  
Director of Rheumatology  
Director, Johns Hopkins Myositis Center  
Associate Professor of Medicine  
Associate Professor of Medicine  
Department of Pathology  
Department of Medicine  
Department of Internal Medicine  
Division of Rheumatology

Rebecca Manno, MD, MHS  
Assistant Professor of Medicine  
Division of Rheumatology

**Johns Hopkins Faculty**

Myra Albadya, MD  
Instructor in Medicine  
Director, Rapid Arthritis Care and Evaluation Clinic  
Director of Rheumatology  
Division of Rheumatology

Lisa Christopher-Stine, MD, MHP  
Assistant Professor of Medicine  
Division of Rheumatology

Sonz Danoiff, MD  
Assistant Professor of Medicine  
Division of Rheumatology

Allan Golber, MD, MPH, PhD  
Assistant Professor of Medicine  
Division of Pulmonary and Critical Care Medicine  
Division of Rheumatology

Lauria Hummers, MD  
Assistant Professor of Medicine  
Division of Rheumatology  
Director, Johns Hopkins Lupus Center

Thomas Grader-Beck, MD  
Assistant Professor of Medicine  
Division of Rheumatology

Zuzanna McMahan, MD  
Assistant Professor of Medicine  
Division of Rheumatology

Ana-Maria Orbai, MD  
Instructor in Medicine  
Division of Rheumatology  
Division of Rheumatology

Michael Poti, MD, MPH  
Professor of Medicine  
Division of Rheumatology  
Division of Rheumatology

Allan Golber, MD, MPH, PhD  
Assistant Professor of Medicine  
Division of Rheumatology

Lauria Hummers, MD  
Assistant Professor of Medicine  
Division of Rheumatology  
Division of Rheumatology

**Guest Faculty**

Kristine Philips, MD, PhD  
Associate Professor of Internal Medicine  
Division of Rheumatology  
University of Michigan

Kevin L. Winthrop, MD, MPH  
Associate Professor  
Division of Rheumatology  
Oregon Health and Science University

**REGISTRATION FORM**

Course Number: 80036816

12th Annual Advances in the Diagnosis and Treatment of the Rheumatic Diseases  
April 15-16, 2016

To Register:

- Online (credit card and eCheck): 
  - [ ] Print syllabus
  - [ ] Residents*/Fellows*/RNs/NPs/PAs/Allied Health Professionals
  - [ ] Physicians

**Payment Type**

- [ ] Check: See instructions on top of form
- [ ] Credit Card: [ ] VISA [ ] MASTERCARD [ ] DISCOVER [ ] AMEX

**Registration Fees**

- [ ] Residents/Fellows/RNs/NPs/PAs/Allied Health Professionals: $500
- [ ] Residents/Fellows/RNs/NPs/PAs/Allied Health Professionals: $450
- [ ] Physicians: $350
- [ ] Physicians: $300
- [ ] Physicians: $250
- [ ] Physicians: $200

**Adjourn - Please complete and return the Activity Evaluation and Credit Report Form. The Registration Desk will remain open during conference hours.**
Friday, April 15, 2016

7:15 - 7:55 Registration and Continental Breakfast
7:55 - 8:00 Introduction and Conference Goals
Clifton O. Bingham, III, MD
8:00 - 9:00 Immunology
Antony Rosen, MD
9:00 - 10:00 Safety Considerations with Biologic Therapies
Kevin L. Winthrop, MD, MPH
10:00 - 10:15 Refreshment Break
10:15 - 11:15 Diagnosis and Treatment in Lupus
Michelle Pera, MD, MPH
11:15 - 12:15 Management of Chronic Pain
Kristine Phillips, MD, PhD
12:15 - 1:25 Lunch and Meet the Professor Sessions
Sign-up for a session at the course registration desk, during the morning break.
1:25 - 1:30 Introduction and Conference Goals
Victoria Ruffing, RN, CCRP
1:30 - 2:10 Management of Raynaud’s
Laura Hammann, MD
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Ana Maria Ortel, MD
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Ann Stahl, MD
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Rebecca Plaus, MD, MPH
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Clifton O. Bingham, III, MD
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Sangeeta Sule, MD, MPH
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Lisa Christopher-Stine, MD, MPH
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Sangeeta Sule, MD, MPH
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Clifton O. Bingham, III, MD
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Myra Albayda, MD
3:45 - 4:30 Advances in the Diagnosis and Treatment of Gout
Allan Gelber, MD, MPH, PhD
4:30 - 4:35 Course Review
Clifton O. Bingham, III, MD
4:35 Adjourn - Please complete and return the Activity Evaluation and Credit Report Form. The Registration Desk will remain open during conference hours.

Activity Co-Directors
Clifton O. Bingham, III, MD
Associate Professor of Medicine
Division of Rheumatology
Director, Johns Hopkins Arthritis Center
Deputy Director for Research
Co-Director, Rheumatic Diseases
Research Care Center
Victoria Ruffing, RN, CCRP
Nurse Manager
Johns Hopkins Arthritis Center
Division of Rheumatology
Rebecca Manno, MD, MHS
Assistant Professor of Medicine
Division of Rheumatology

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Division of Rheumatology
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Instructor in Medicine
Division of Rheumatology
Michael Cotter Pati, MD, MPH
Professor of Medicine
Division of Rheumatology
Allan Gelber, MD, MPH, PhD
Assistant Professor of Medicine
Division of Pulmonary and Critical Care Medicine
Lauren Hamers, MD
Assistant Professor of Medicine
Division of Rheumatology
Sydney Danoff, MD
Assistant Professor of Medicine
Division of Rheumatology
Allan Gelber, MD, MPH, PhD
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Kevin L. Winthrop, MD, MPH
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Antony Rosen, MD
Mary Beth Stevens Professor of Medicine
Division of Rheumatology
Deborah Sellmeyer, MD
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Ami Shah, MD
Assistant Professor of Medicine
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Divisions of Infectious Diseases, Ophthalmology, and Public Health and Preventive Medicine
Ohio State Health University Science

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Division of Rheumatology
Myma Albayda, MD
Division of Pediatrics

REGISTRATION FORM
Course Number: 80036816

12th Annual Advances in the Diagnosis and Treatment of the Rheumatic Diseases
April 15-16, 2016

To Register:
Online (credit card and eCheck): www.HopkinsCME.edu. By phone (credit card only): (410) 502-9564
By fax: (410) 510-7088
Or mail this form to the Johns Hopkins University, Office of Continuing Medical Education, PO Box 64128, Baltimore, Maryland 21208-4128. Include check payable to HOPKINS/80036816 or include credit card information below.

PAYMENT MUST ACCOMPANY FORM TO CONFIRM YOUR REGISTRATION

<table>
<thead>
<tr>
<th>I am a Johns Hopkins Speaker for this activity.</th>
<th>Get Form by Mail</th>
<th>Main Phone</th>
</tr>
</thead>
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Forms can be found on-line at http://www.hopkinscme.edu/Resources/resources.aspx.

Registration Fees
By March 14, 2016
| Physicians | $275 |
| Residents/Fellows/NPs/PAs/Allied Health Professionals | $300 |

After March 14, 2016
| Physicians | $375 |
| Residents/Fellows/NPs/PAs/Allied Health Professionals | $300 |

Payment Options
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<td>[ ] Credit Card</td>
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I will attend the Welcome Reception on April 15, 2016.

Signature and Date
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Division of Rheumatology
Ana-Maria Orslai, MD
Instructor in Medicine
Division of Rheumatology
Michael Petri, MD, MPH
Professor of Medicine
Division of Rheumatology
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Ohio State University School of Medicine

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After March 14, 2016:
- Physicians: $300
- Residents/Fellows/RNs/PhDs/PAs/Allied Health Professionals: $325

Live Streaming (with access to post activity enduring material online):
- Physicians: $375
- Residents/Fellows/RNs/PhDs/PAs/Allied Health Professionals: $450

Total amount enclosed $50

**[ ] I will attend the Welcome Reception on April 15, 2016.**

**Payment Type**

[ ] PayU (Faculty Only) If you are using your Tuition Remission Benefit or BION budget, please complete this registration form and return with appropriate payment processing form to JOCME, Turner 2E. Forms can be found on-line at http://www.hopkinscme.edu/Resources/resources.aspx.

[ ] Check: [ ] Visa [ ] MasterCard [ ] Discover [ ] American Express

Card # ___________________________ Signature ___________________________
Exp. Date ___________________________
Name on Card ___________________________