

It is the policy of the Johns Hopkins University School of Medicine that the speaker and provider globally disclose conflicts of interest. The Johns Hopkins University School of Medicine OCMC has established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the instructional 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 beverage.

Please note: The Physician Payments Sunshine Act was enacted by Congress to increase public awareness of financial relationships between drug and medical device manufacturers and physicians. In compliance with the requirements of this Act, the commercial supporters of this activity may require the Johns Hopkins University School of Medicine to report certain professional information (such as name, address, National Provider Identifier (NPI), and State License number) of physician attendees who receive complimentary food and beverage in conjunction with a CME activity. The commercial supporter is required to submit the collected data to the Centers for Medicare and Medicaid Services which will then publish the data on its website.

**Policy on Speaker and Provider Disclosure**  
 Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 16.75 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.

**MOC Statement**  
 The Johns Hopkins University has approved this activity for 16.75 contact hours for non-physicians.

**American Academy of Physician Assistants (AAPA)** accepts certificates of participation for educational activities certified for 16.75 AMA PRA Category 1 CME credits from organizations accredited by ACCME. Physician assistants may receive a maximum of 16.75 AAPA Category 1 CME credits for completing this program.

**American Association of Nurse Practitioners National Certification Program** accepts AMA PRA Category 1 Credit™ from organizations accredited by the ACCME.

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

**Other Credits**  
 The Johns Hopkins University School of Medicine designates this live activity for a maximum of 16.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Credit Designation Statement**  
 The Johns Hopkins University School of Medicine designates this live activity for a maximum of 16.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**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.

- Objectives**
- After attending this activity, the participant will demonstrate the ability to:
- Discuss updates in the treatment of rheumatoid arthritis.
  - Identify new treatment options for patients with gout.
  - Discuss new and emerging issues in the management of myositis.
  - Identify major issues related to the management of vasculitis.
  - Recognize the role of opioids in managing pain for the rheumatic disease population.
  - Discuss treatment strategies in lupus nephritis.
  - Discuss the microbiome and its role in auto-immune diseases.

**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.

**Description**  
 Now in its 14<sup>th</sup> year, this two-day symposium has been planned for the providers who care for patients with rheumatic disease. Given the wide variety of rheumatologic disorders, and an ever-increasing number of diagnostic procedures and treatment options, it is necessary to provide clinicians with information about strategies for the early diagnosis of these conditions, novel state-of-the-art diagnostic tools, and opportunities to utilize the most effective treatments to ensure optimal patient outcomes.

**Continuing Medical Education**

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- Discuss treatment strategies in lupus nephritis.
- Discuss the microbiome and its role in auto-immune diseases.



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

**14<sup>th</sup> Annual**  
 Advances in the Diagnosis and Treatment of the  
**Rheumatic Diseases**  
 at the  
**Renaissance Baltimore Harborplace Hotel**  
 Baltimore, Maryland  
**Now Available Via Live Stream!**



**To Register or For Further Information**  
 Register online  
 Register by Phone  
 Register by Fax  
 Confirmation/Certificates/Transcripts  
 General Information  
 To e-mail the Office of CME  
 Sponsoring Department Website:  
 www.hopkinsrheumatology.org

Check out our mobile app CloudCME.  
 Organization Code: HopkinsCME

For general information, the direct link for this CME activity web page is:  
 https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=10681

Check out our mobile app CloudCME.  
 Organization Code: HopkinsCME

For website and CloudCME mobile app technical difficulties, email: cmetechsupport@jhmi.edu

**Emergency Calls**  
 On April 27-28, 2018 direct emergency calls to (410) 547-1200 and ask that a message be sent to the Johns Hopkins registration desk. Messages will be posted for participants.

**Americans with Disabilities Act**  
 The Johns Hopkins University School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof. Please notify us if you have any special needs.

**Hotel Reservation Cut-off Date: April 5, 2018**  
 Renaissance Baltimore Harborplace Hotel  
 202 East Pratt Street  
 Baltimore, Maryland 21202  
 (410) 547-1200  
 (800) 468-3571  
 http://www.renaissancehotels.com

**Location and Hotel Information**  
 Renaissance Baltimore Harborplace Hotel  
 202 East Pratt Street  
 Baltimore, Maryland 21202

**Syllabus**  
 All live in person activity registrants will receive a flash drive with the slides and paper for note-taking. This is included in the cost of your registration. Live, online and live stream registrants will receive a link to the online syllabus via email shortly before the activity begins if you prefer to study or print the syllabus. The syllabus will also be accessible online and via your mobile device in the CloudCME App prior to the activity.

**Late Fee and Refund Policy**  
 A \$50 late fee applies to registrants received after 5:00 p.m. ET on April 22, 2018. A handling fee of \$50 will be deducted for cancellation. An additional fee may apply for cancellation of other events, including workshops and social activities. Refund requests must be received by fax or mail by April 22, 2018. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins conference in lieu of cancellation is not possible.

**Fees**  
 Physicians .....\$450  
 Residents/Fellows/RNs/NPs/PAs/Allied Health Professionals .....\$275  
 \*with verification of status .....\$300  
 Total .....\$725

**Methods of Payment:**  
 We require full payment prior to the start of the activity. On-site breakfasts, refreshment breaks and lunches.

**General Information**  
 The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

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Office of Continuing Medical Education  
 Johns Hopkins University School of Medicine  
 Turner 20, 720 Rutland Avenue  
 Baltimore, Maryland 21205-2195

**JOHNS HOPKINS MEDICINE**

Friday, April 27, 2018

- 7:15 - 7:55 Registration and Continental Breakfast
- 7:55 - 8:00 **Introduction and Conference Goals**  
Clifton Bingham, III, MD
- 8:00 - 9:00 **Anti-phospholipid Syndrome**  
Michelle Petri, MD, MPH
- 9:00 - 9:45 **Updates in Scleroderma**  
Ami Shah, MD, MHS
- 9:45 - 10:00 Refreshment Break
- 10:00 - 11:00 **The Microbiome and Inflammatory Arthritis**  
Jose Scher, MD
- 11:00 - 11:45 **What's New for Our Pediatric Patients?**  
Sangeeta Sule, MD, PHD
- 11:45 - 12:15 **Headline News in Rheumatoid Arthritis**  
Clifton Bingham, III, MD
- 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**  
Rebecca Manno, MD, MHS
- 1:30 - 2:15 **Updates in Management of Kidney Involvement in Lupus and Vasculitis**  
Derek Fine, MD
- 2:15 - 3:00 **Updates in the Diagnosis and Treatment of Ankylosing Spondylitis**  
Maureen Dubreuil, MD
- 3:00 - 3:15 Refreshment Break
- 3:15 - 4:00 **Osteoporosis in Special Populations: Corticosteroids, Men, and Older Individuals**  
Michele Bellantoni, MD
- 4:00 - 4:30 **Challenging Cases in Psoriatic Arthritis**  
Ana-Maria Orbai, MD, MHS
- 4:30 - 5:00 **Challenging Cases in Lupus**  
George Stojan, MD
- 5:00 **Adjourn**

Saturday, April 28, 2018

- 7:15 - 7:55 Registration and Continental Breakfast
- 7:55 - 8:00 **Introduction and Conference Goals**  
Victoria Ruffing, RN-BC-Rheumatology
- 8:00 - 9:00 **Hot Topics in Vasculitis**  
Rebecca Manno, MD, MHS
- 9:00 - 9:45 **The Opioid Epidemic: Pearls of Wisdom for the Rheumatologist**  
Kenneth Stoller, MD
- 9:45 - 10:00 Refreshment Break
- 10:00 - 10:45 **Immunologic Mechanisms in Vasculitis**  
Eric Gapud, MD, PHD
- 10:45 - 11:45 **Updates in Myositis**  
Lisa Christopher-Stine, MD, MPH
- 11:45 - 12:15 **Challenging Cases in RA**  
Uzma Haque, MD
- 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**  
Clifton Bingham, III, MD
- 1:30 - 2:30 **Neurology for the Rheumatologist**  
Julius Birnbaum, MD, MHS
- 2:30 - 2:45 Refreshment Break
- 2:45 - 3:30 **Gout Updates**  
Myma Albayda, MD
- 3:30 - 4:30 **Pulmonary Hypertension in Rheumatic Disease**  
Stephen Mathai, MD, MHS
- 4:30 - 4:45 **Conference Conclusions and Adjourn**  
Clifton Bingham, III, MD
- 4:45 **Adjourn - You will receive an email notification to complete the evaluation form and to attest to the number of hours in attendance. The registration desk will remain open during conference hours.**  
  
*The Johns Hopkins University School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity. This schedule is subject to change.*

**How to Obtain Credit:** Post activity, an online evaluation will be available to attendees to evaluate the activity and individual presentations and to identify future educational needs. Upon completion of the evaluation, the learner must attest to the number of hours in attendance. Credits earned will be added to the learner's transcript and immediately available for print. The last day to access the evaluation and attest to your credits is June 12, 2018. An outcome survey will be sent to all physician attendees within two months post activity to assist us in determining what impact this activity had on the learner's practice.

Activity Co-Directors

- Clifton Bingham, III, MD**  
Professor of Medicine  
Division of Rheumatology  
Director, Johns Hopkins Arthritis Center  
Director of Research, Division of Rheumatology  
Co-Director, Rheumatic Diseases  
Research Core Center
- Rebecca Manno, MD, MHS**  
Assistant Professor of Medicine  
Division of Rheumatology  
Assistant Director, Johns Hopkins Vasculitis Center
- Victoria Ruffing, RN-BC-Rheumatology**  
Division of Rheumatology  
Director, Nursing and Patient Education  
Johns Hopkins Arthritis Center

Johns Hopkins Faculty

- Myma Albayda, MD**  
Assistant Professor of Medicine  
Director, Musculoskeletal Ultrasound  
and Injection Clinic  
Division of Rheumatology
- Michele Bellantoni, MD**  
Associate Professor of Medicine  
Division of Geriatric Medicine
- Julius Birnbaum, MD, MHS**  
Assistant Professor of Medicine  
Johns Hopkins Sjögren's Syndrome Center
- Lisa Christopher-Stine, MD, MPH**  
Associate Professor of Medicine  
Director, Johns Hopkins Myositis Center
- Derek Fine, MD**  
Associate Professor of Medicine  
Division of Nephrology
- Eric Gapud, MD, PHD**  
Instructor of Medicine  
Johns Hopkins Vasculitis Center

- Uzma Haque, MD**  
Assistant Professor of Medicine  
Johns Hopkins Arthritis Center
- Stephen Mathai, MD, MHS**  
Associate Professor of Medicine  
Division of Pulmonary Medicine
- Ana-Maria Orbai, MD, MHS**  
Assistant Professor of Medicine  
Director, Psoriatic Arthritis Program  
Johns Hopkins Arthritis Center
- Michelle Petri, MD, MPH**  
Professor of Medicine  
Director, Johns Hopkins Lupus Center
- Ami Shah, MD, MHS**  
Associate Professor of Medicine  
Director, Clinical and Translational Research  
Johns Hopkins Scleroderma Center
- George Stojan, MD**  
Assistant Professor of Medicine  
Johns Hopkins Lupus Center

- Kenneth Stoller, MD**  
Assistant Professor of Psychiatry and Behavioral  
Sciences  
Director, Johns Hopkins Center for Addiction
- Sangeeta Sule, MD, PHD**  
Associate Professor of Medicine and Pediatrics  
Johns Hopkins Division of Rheumatology and  
Nephrology

Guest Faculty

- Maureen Dubreuil, MD**  
Assistant Professor of Medicine  
Boston University School of Medicine
- Jose Scher, MD**  
Assistant Professor of Medicine  
NYU Center for Musculoskeletal Care



REGISTRATION FORM

Course Number: 80043661/10681

14<sup>th</sup> Annual Advances in the Diagnosis and Treatment of the Rheumatic Diseases

April 27-28, 2018

To Register:

Online: <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=10681>

By phone: (410) 502-9634 By fax: (866) 510-7088

Or mail this form to the Johns Hopkins University, Office of Continuing Medical Education, 720 Rutland Avenue, Turner Room 20, Baltimore, Maryland 21205-2195. Include e-check or credit card information below.

PAYMENT MUST ACCOMPANY FORM TO CONFIRM YOUR REGISTRATION

I am a Johns Hopkins Speaker for this activity.

last name	first name	middle initial
highest degree (for name badge)	primary specialty	Hopkins Faculty/Staff Only - JHED ID:
For Physicians Only - NPI 10 Digit #	State License #	State of License
preferred mailing address		
city	state	ZIP + 4 code
daytime telephone	fax number	
e-mail (required)		

Check here if you wish to receive e-mail notices about upcoming CME activities.  
 What do you hope to learn by attending this activity? \_\_\_\_\_  
 Please notify us if you have any special needs: \_\_\_\_\_

Registration Fees

By March 31, 2018

- Physicians ..... \$450
- Residents\*/Fellows\*/RNs/NPs/PAs/Allied Health Professionals.....\$275

After March 31, 2018

- Physicians ..... \$500
- Residents\*/Fellows\*/RNs/NPs/PAs/Allied Health Professionals.....\$300

Live Streaming (with access to post activity enduring material online)\*\*

- Physicians ..... \$375
- Residents\*/Fellows\*/RNs/NPs/PAs/Allied Health Professionals.....\$225

\*with verification of status \*\*live portion subject to change based on interest

The registration fee includes instructional materials and food and beverage. For registrations received after 5:00 p.m. EST on April 22, 2018, include a \$50 late fee. On-site registrations are payable only by credit card.

Total amount \$ \_\_\_\_\_

Payment Type

**JHU Faculty/Staff Only: If you are using your Tuition Remission Benefit or an ION budget, please upload your fully completed and approved form in the payment section of the online activity link above.**

**TR Form:** <http://benefits.jhu.edu/documents/trffacandstaff.pdf>  
 **ION Form:** <http://hopkinscme.edu/migration/ionRequest.pdf>

**e-Check:** Routing Number: \_\_\_\_\_ Account Number: \_\_\_\_\_

**Credit Card:**  VISA  MASTERCARD  DISCOVER  AMEX  
 Card # \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Exp. Date \_\_\_\_\_

Billing Zip Code \_\_\_\_\_ Security Code \_\_\_\_\_

\_\_\_\_\_  
 Name on Card Signature and Date