The Wilmer Eye Institute’s
Current Concepts in Ophthalmology

31st Annual Baltimore Meeting
November 29-30, 2018
Thomas B. Turner Building
Johns Hopkins University School of Medicine
Baltimore, Maryland

This activity has been approved for AMA PRA Category 1 Credits™.

SAVE THE DATE!
36th Annual Course
NEW LOCATION
Hotel Talisa – Vail, Colorado
March 11-15, 2019
DESCRIPTION

This Current Concepts course will highlight the recent developments regarding diagnosis as well as medical and surgical therapy of common eye diseases. The participant should get a comprehensive review of the most current concepts in the management of ophthalmology by experts across the breadth of the field. For example, clinical trials and other evidence in the peer-reviewed literature over the past few years have changed the approach to managing cataracts, including IOL technology and femtosecond laser cataract surgery, corneal disease including dry eye disease, keratoplasty, and collagen cross linking, glaucoma and minimally invasive glaucoma surgical devices, as well as diabetic retinopathy, macular degeneration, and retinal vein occlusions. Furthermore, the role of optical coherence tomography (OCT) and other imaging advances are expanding the understanding of the anatomy of the anterior and posterior segment of the eye. This course will address the ongoing pattern of registrants with repeat requests for demonstrations of the latest surgical techniques and medical therapies, questions regarding practice management issues and clarification of legislative updates. There is a demand for expert education of new techniques and medical therapies as well as the need for elucidation of associated clinical trials, and this course provides extensive coverage of that.

WHO SHOULD ATTEND

These activities are intended for Ophthalmologists, Optometrists, and Ophthalmic Allied Health professionals.

OBJECTIVES

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

1. Integrate prescribed medical and surgical treatment options into everyday practice.
3. Examine external legislative and internal practice issues impacting the field of ophthalmology.
4. Formulate current and advanced medical and surgical treatment strategies as well as imaging with corresponding ocular conditions, including: glaucoma, retina, anterior segment including dry eye, uveitis, refractive surgery and laser assisted cataract and corneal transplant surgery.
5. Discuss new medical techniques, therapies and relevant clinical trials.
7. Summarize the latest developments for the management of anterior and posterior segment problems.
8. Assess the latest developments for the management of pediatric ophthalmology and strabismus conditions.

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 13.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

OTHER CREDITS

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

American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for 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.

POLICY ON SPEAKER AND PROVIDER DISCLOSURE

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 OCME has established policies that will identify and resolve conflicts of interest prior to this educational activity. Detailed disclosure will be made prior to presentation of the education.
REGISTRATION

November 29, 2018 – 7:00 am

LOCATION

Thomas B. Turner Building
Johns Hopkins University School of Medicine
720 Rutland Avenue
Baltimore, Maryland 21205

The Turner Building is located on Rutland Avenue at Monument Street. Directions and campus parking information are available on our website under the Contact Us tab at https://HopkinsCME.cloud-cme.com. Handicapped parking is available in the nearby Rutland Garage. Complimentary round-trip transportation for attendees staying at conference headquarters hotel will be provided.

Johns Hopkins is smoke-free.

FEES

Register Online:

Methods of Payment: We require full payment prior to the start of the activity. On-site payments by credit card only. registration fee includes instructional materials, continental breakfasts, refreshment breaks and lunches.

Physicians (Two days) ........................................................................... $375
Residents*/Fellows*/Nurses/NPs/PAs/Allied Health Professionals (Two days) ........................................................................... $225
*with verification of status
Optometrists (Two days) ........................................................................... $225
Physicians (One day) ................................................................................ $200
Residents*/Fellows*/Nurses/NPs/PAs/Allied Health Professionals (One day) ........................................................................... $125
*with verification of status
Optometrists (One day) ........................................................................... $125

You will receive a confirmation by e-mail. If you have not received it by November 23, 2018 call (410) 502-9636 to confirm that you are registered. A transcript of attendance will be available upon attestation of your credit hours and submission of the post activity online evaluation.

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.

LATE FEE AND REFUND POLICY

A $50 late fee applies to registrations received after 5:00 p.m. ET on November 23, 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 November 23, 2018. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

SYLLABUS

The syllabus will be accessible online and via your mobile device in the CloudCME App prior to the activity.

HOTEL AND TRAVEL INFORMATION

A limited block of sleeping rooms has been reserved for your convenience and will be available on a first come, first served basis.

Renaissance Harborplace Hotel
202 East Pratt Street
Baltimore, Maryland 21202
Reservations: (877) 212-5752 or (800) 468-3571
Fax: (410) 539-5780

Hotel Reservation Cut-Off Date: November 1, 2018

Reservation link:
https://book.passkey.com/event/49770090/owner/297/home

The Renaissance Baltimore Harborplace Hotel is part of the waterfront complex of Harborplace, and only steps away from the many attractions of Baltimore’s Inner Harbor. Make your reservation online at the link above or call the hotel directly and specify that you are attending the Johns Hopkins/Wilmer Eye Institute’s Current Concepts in Ophthalmology conference to receive the special group rate of $129, single or double, plus tax. Complimentary roundtrip transportation will be provided. On-site parking is available at the hotel at an additional charge. Check-in time is 4:00 p.m. Check-out time is 12:00 p.m.
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 January 14, 2019.

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.

EMERGENCY CALLS

On November 29-30, 2018 direct emergency calls to the Hopkins registration desk, (410) 955-3673. 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.

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 supporter/s 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.

TO REGISTER OR FOR FURTHER INFORMATION

Register Online

Register by Phone...................................................(410) 502-9636
Register by Fax .......................................................(866) 510-7088

Confirmation/Certificates/Transcripts..........................................................(410) 502-9636

General Information..............................................(410) 955-2959
E-mail the Office of CME........................................cmenet@jhmi.edu

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Check out our mobile app CloudCME.
Organization Code: HopkinsCME

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

Sponsoring Department Website:
http://www.hopkinsmedicine.org/wilmer

For general information, please visit the activity webpage at
THURSDAY, NOVEMBER 29, 2018

7:00 – 8:00  Registration and Continental Breakfast
7:00 – 6:00  Exhibits Open
8:00 – 8:05  Welcome and Conference Goals
            Neil Bressler, MD
8:05 – 8:15  Current Update on Academic Ophthalmology
            Peter McDonnell, MD

Anterior Segment
Chair: Yassine Daoud, MD
8:15 – 8:30  Beyond Descemet Membrane Endothelial
            Keratoplasty (DMEK)
            Albert Jun, MD, PhD
8:30 – 8:45  Surgical Outcome of Femtosecond Laser
            Assisted Cataract Surgery vs. Conventional
            Phacoemulsification
            Yassine Daoud, MD
8:45 – 9:00  Pediatric Cornea Update
            Christina Prescott, MD, PhD
9:00 – 9:15  PROSE Lens
            Michelle Hessen, MD
9:15 – 9:30  Bariatric Ophthalmology: Anterior Segment
            Surgery in Massively Obese Patients
            Robert Weinberg, MD
9:30 – 9:45  Cross Linking Update
            Uri Soiberman, MD
9:45 – 10:00 Therapies for Ocular Surface Inflammation
            Samuel Yiu, MD, PhD
10:00 – 10:30 Refreshment Break

Anterior Segment
Chair: Christina Prescott, MD, PhD
10:30 – 10:45 Management of Recurrent Pterygium
            Irene Kuo, MD
10:45 – 11:00 Scleral-Sutured Intraocular Lenses
            Fasika Woreta, MD, MPH
11:00 – 12:00 Challenging Cases
            Irene Kuo, MD
            Fasika Woreta, MD, MPH
12:00 – 1:00 Lunch

The David Worthen Memorial Lecture
1:00 – 1:05 Introduction
            Neil Bressler, MD
1:05 – 1:30 The Future is Now: Artificial Intelligence in
            Ophthalmology
            Dmitri Azar, MD, MBA

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.
Program

FRIDAY, NOVEMBER 30, 2018

7:30 – 8:00 Continental Breakfast
7:30 – 5:00 Exhibits Open

Retina
Chairs: Peter Gehlbach, MD, PhD and Mira Sachdeva, MD, PhD
8:00 – 8:15 Telemedicine and Tele-ophthalmology at Johns Hopkins
Ingrid Zimmer-Galler, MD
8:15 – 8:30 Management of Proliferative Diabetic Retinopathy in the 21st Century: Not Just PRP
Susan Bressler, MD
8:30 – 8:45 The Comprehensive Ophthalmologist and Pediatric Retina
Kim Jiramongkolchai, MD
8:45 – 9:00 Updates on Retinal Stem Cell Clinical Trials
Mandeep Singh, MD, PhD
9:00 – 9:15 Update on Sickle Cell Retinopathy
Adrienne Scott, MD
9:15 – 9:30 Central Serous Chorioretinopathy: A Puzzling Condition
Catherine Meyerle, MD
9:30 – 9:45 Cooperative Management of the Complicated Lens
Peter Gehlbach, MD, PhD
9:45 – 10:00 Update on Management of Diabetic Macular Edema
Neil Bressler, MD
10:00 – 10:30 Refreshment Break
10:30 – 11:00 Retina Cases for the Anterior Segment Surgeon
Neil Bressler, MD and Retina Division Faculty

Oculoplastic Surgery
Chair: Timothy McCulley, MD
11:00 – 11:10 Neoplastic Disease
Shannath Merbs, MD, PhD
11:10 – 11:20 Periocular Trauma
Roxana Fu, MD
11:20 – 11:30 Palpebral Disease
Ashley Campbell, MD
11:30 – 11:40 Lacrimal Disease
Nicholas Mahoney, MD
11:40 – 11:50 Inflammatory Disease Clinical Challenges
Fatemeh Rajaii, MD
11:50 – 12:15 Questions and Answers
Timothy McCulley, MD
12:15 – 1:15 Lunch

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.
Pediatric Ophthalmology

**Chairs:** Megan Collins, MD, MPH and Michael Repka, MD

1:15 – 1:25  **Prism Dispensing Patterns of One Orthoptist in a Large, Urban Medical Center**  
Alex Christoff, CO

1:25 – 1:35  **Vision Screening / Vision for Baltimore**  
Megan Collins, MD, MPH

1:35 – 1:45  **Challenges of Pediatric Glaucoma**  
Courtney Kraus, MD

1:45 – 1:55  **Measuring Prism and Progressive Power in Progressive Add Lenses**  
Edward Kuwera, MD

1:55 – 2:05  **The Dragged-Fovea Diplopia Syndrome: New Insights**  
David Guyton, MD

2:05 – 2:15  **Updates from PEDIG**  
Michael Repka, MD, MBA

2:15 – 2:30  **Questions and Discussion**

2:30 – 3:00  **Refreshment Break**

Glaucoma

**Chair:** Henry Jampel, MD

3:00 – 4:30  **Glaucoma Smackdown 2018**  
Panelists: Harry Quigley, MD  
David Friedman, MD, PhD, MPH  
Michael Boland, MD, PhD  
Pradeep Ramulu, MD, PhD  
Ian Pitha, MD  
Amanda Bicket, MD  
E. Randy Craven, MD  
Aakriti Garg, MD  
Thomas Johnson, MD, PhD

4:30  **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.

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**FACULTY**

**Activity Director**

Neil Bressler, MD  
James P. Gills Professor of Ophthalmology  
Chief, Retina Division

**Planning Committee**

Yassine Daoud, MD  
Assistant Professor of Ophthalmology

Christina Prescott, MD, PhD  
Assistant Professor of Ophthalmology

**Chairs**

Bryn Burkholder, MD  
Assistant Professor of Ophthalmology

Megan Collins, MD, MPH  
Assistant Professor of Ophthalmology

Peter Gehlbach, MD, PhD  
Professor of Ophthalmology

David Glasser, MD  
Assistant Professor of Ophthalmology

Henry Jampel, MD  
Professor of Ophthalmology

Timothy McCulley, MD  
Associate Professor of Ophthalmology

Elliott Myrowitz, OD, MPH  
Assistant Professor of Ophthalmology

Christina Prescott, MD, PhD, MPH  
Assistant Professor of Ophthalmology

Jack Prince, OD  
Associate Professor of Ophthalmology

Michael Repka, MD, MBA  
David L. Guyton, MD and Feduniak Family Professor of Ophthalmology  
Vice Chair, Clinical Practice

Mira Sachdeva, MD, PhD  
Assistant Professor of Ophthalmology

Richard Schoen, OD  
Clinical Associate in Ophthalmology

John Thompson, MD  
Ophthalmologist  
Retina Specialists  
Towson, Maryland
JOHNS HOPKINS SPEAKERS

Amanda Bicket, MD
Assistant Director of Ophthalmology

Meghan Berkenstock, MD
Assistant Professor of Ophthalmology

Michael Boland, MD, PhD
Associate Professor of Ophthalmology

Thomas Bosley, MD
Professor of Ophthalmology

Susan Bressler, MD
Assistant Professor of Ophthalmology

Ashley Campbell, MD
Associate Professor of Ophthalmology

Andrew Carey, MD
Assistant Professor of Ophthalmology

Benjamin Chaon, MD
Assistant Professor of Ophthalmology

Alex Christoff, CO
Assistant Professor of Ophthalmology

Lindsay Ciocco, OD
Instructor of Ophthalmology

E. Randy Craven, MD
Associate Professor of Ophthalmology

David Friedman, MD, PhD, MPH
Professor of Ophthalmology

Roxana Fu, MD
Assistant Professor of Ophthalmology

Aakriti Garg, MD
Assistant Professor of Ophthalmology

David Guyton, MD
Zanvyl Krieger Professor of Pediatric Ophthalmology

Amanda Henderson, MD
Assistant Professor of Ophthalmology

Michelle Hessen, MD
Assistant Professor of Ophthalmology

Kim Jiramongkolchai, MD
Assistant Professor of Ophthalmology

Thomas Johnson, MD, PhD
Assistant Professor of Ophthalmology

Albert Jun, MD, PhD
Maurice E. Langham, PhD, Professor of Ophthalmology

Alisa Kim, MD
Ophthalmologist

Courtney Kraus, MD
Assistant Professor of Ophthalmology

Irene Kuo, MD
Associate Professor of Ophthalmology

Edward Kuwera, MD
Assistant Professor of Ophthalmology

Gayle LePosa, OD
Instructor of Ophthalmology

Nicholas Mahoney, MD
Assistant Professor of Ophthalmology

Peter McDonnell, MD
Director, Wilmer Eye Institute
William Holland Wilmer Professor of Ophthalmology

Shannath Merbs, MD, PhD, FACS
Professor of Ophthalmology and Oncology

Catherine Meyerle, MD
Assistant Professor of Ophthalmology

Neil Miller, MD
Professor of Ophthalmology, Neurology and Neurosurgery

Frank B. Walsh Professor of Neuro-Ophthalmology

Ian Pitha, MD
Assistant Professor of Ophthalmology

Harry Quigley, MD
Edward Maumenee Professor of Ophthalmology

Director, Glaucoma Center of Excellence

Fatemeh Rajaii, MD
Assistant Professor of Ophthalmology

Pradeep Ramulu, MD, PhD
Associate Professor of Ophthalmology

Adrienne Scott, MD
Assistant Professor of Ophthalmology

Amde Shifera, MD, PhD
Assistant Professor of Ophthalmology

Mandeep Singh, MD, PhD
Assistant Professor of Ophthalmology

Eric Singman, MD, PhD
Assistant Professor of Ophthalmology

Uri Soiberman, MD
Assistant Professor of Ophthalmology

Jennifer Thorne, MD, PhD
Professor of Ophthalmology

Chief, Division of Ocular Immunology

Robert Weinberg, MD
Associate Professor of Ophthalmology

Fasika Woreta, MD, MPH
Assistant Professor of Ophthalmology

Samuel Yiu, MD, PhD
Associate Professor of Ophthalmology

Ingrid Zimmer-Galler, MD
Associate Professor of Ophthalmology

Medical Director, Johns Hopkins Wilmer Eye Institute – Frederick, Maryland

GUEST SPEAKERS

Dmitri Azar, MD, MBA
Senior Director, Ophthalmological Innovation
Verily Life Sciences, LLC
South San Francisco, California

David Banañano, MD, PhD
Retina Specialists
Bel Air, Maryland

Laura Green, MD
Director, Residency Program for Cornea, Cataract and Refractive Surgery Specialties
LifeBridge Health Krieger Eye Institute
Baltimore, Maryland

Mona Kaleem, MD
Assistant Professor of Ophthalmology
University of Maryland
School of Medicine
Baltimore, Maryland

Sachin Kalyani, MD
Ophthalmologist
Kalyani Eye Care
Hanover, Maryland

Nancey McCann
Director, Government Relations
American Society of Cataract and Refractive Surgery
Fairfax, Virginia

David Parke II, MD
Chief Executive Officer
American Academy of Ophthalmology
San Francisco, California

Reginald Sanders, MD
Ophthalmologist
The Retina Group of Washington
Washington, DC

Maria Scott, MD
Cataract & Refractive Surgeon
Director, Chesapeake Eye Care and Laser Center
Annapolis, Maryland
### Registration Fees:

- **Physicians (Two days)** ........................................................ $375
- **Residents*/Fellows*/Nurses/NPs/PAs/Allied Health Professionals (Two days) ................................................... $225  
  *with verification of status
- **Optometrists (Two days)** .................................................... $225
- **Physicians (One day)** ........................................................ $200
- **Residents*/Fellows*/Nurses/NPs/PAs/Allied Health Professionals (One day) ..................................................... $125  
  *with verification of status
- **Optometrists (One day)** ..................................................... $125

The registration fee includes instructional materials and food and beverage. For registrations received after 5:00 p.m. ET on November 23, 2018, include a $50 late fee. On-site registrations are payable only by credit card.

Total amount $ ________________

### Registration Form

**The Wilmer Eye Institute’s 31st Annual Current Concepts in Ophthalmology**  
**NOVEMBER 29-30, 2018**

**To Register:**
- **Fax:** (866) 510-7088  **Phone:** (410) 502-9636

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.

**FULL PAYMENT IS REQUIRED PRIOR TO THE START OF ACTIVITY.**

- [ ] I am a Johns Hopkins speaker for this activity.

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- [ ] 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.
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  - **ION Form:** [http://hopkinscme.edu/migration/IonRequest.pdf](http://hopkinscme.edu/migration/IonRequest.pdf)
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  - Exp. Date ______
  - Billing Zip Code ________ Security Code __________
  - Name on Card ________________________________

  Signature and Date ________________________________