

PRESENTED BY THE JOHNS HOPKINS WILMER EYE INSTITUTE

Retina Festival

Update 2021

December 4, 2021

Internet Live Conference



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



**34th Annual Current Concepts in
Ophthalmology Baltimore Meeting**
December 2-3, 2021
Internet Live Conference



**38th Annual Current Concepts in
Ophthalmology Colorado Meeting**
Grand Hyatt Vail
March 14-18, 2022

*With live in-person and livestream participation
options available.*



DESCRIPTION

Retina Festival 2021 is an “all-star” line-up of more than 45 faculty members from around the world participating in Continuing Medical Education event from the Wilmer Eye Institute of the Johns Hopkins School of Medicine. The program will provide the latest updates from clinical trials and other evidence in the peer-reviewed medical literature that are relevant to the prevention and management of retinal diseases around the world. Topics include the latest, clinically relevant outcomes from clinical trials on age-related macular degeneration, vitreomacular interface abnormalities, hereditary retinal degenerations, diabetic retinopathy, retinal vein occlusions, and the latest in retinal surgery, including live retina surgery demonstrations. In addition to presentations from world experts, 4 panels of experts throughout the day will highlight discussions on applying clinical trial results to day-to-day clinical practice. The course should be of interest to comprehensive ophthalmologists, retina specialists both expert and in training, as well as vision scientists who want an update on the latest clinically relevant topics in retina.

WHO SHOULD ATTEND

This activity is intended for ophthalmologists, optometrists, and ophthalmic allied health professionals.

OBJECTIVES

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

- Recognize the role of anti-angiogenic treatments for eyes with choroidal neovascularization from age-related macular degeneration or diabetic retinopathy, including proliferative diabetic retinopathy and diabetic macular edema.
- Evaluate recent clinical studies evaluating treatments for hereditary retinal degenerations.
- Discuss the role of imaging in the management of vitreomacular interface abnormalities.
- Review the current and emerging therapeutic approaches for surgical retinal diseases.
- Summarize the evidence of surgical and medical treatments for intraocular tumors.
- Determine which patients are appropriate for biologic treatments of posterior uveitis.

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

MAINTENANCE OF CERTIFICATION

American Board of Ophthalmology (ABO)

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to satisfy the Lifelong Learning and Self-Assessment requirements for the American Board of Ophthalmology's Maintenance of Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting MOC credit.



OTHER CREDITS

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

National Commission on Certification of Physician Assistants (NCCPA)

PAs may claim a maximum of 8 Category 1 credits for completing this activity. NCCPA accepts *AMA PRA Category 1 Credit™* from organizations accredited by ACCME or a recognized state medical society.

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

POLICY ON PRESENTER AND PROVIDER DISCLOSURE

It is the policy of the Johns Hopkins School of Medicine that the presenter and provider globally disclose conflicts of interest. The Johns Hopkins 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.

GENERAL INFORMATION

REGISTRATION AND FEES

December 4, 2021

7:30 a.m. EST – Sign into Zoom Webinar

FEES

Register Online:

<https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=26079>

Methods of Payment: We require full payment prior to the start of the activity.

Physicians/Nurses/NPs/PAs/Allied Health Professionals\$50

Residents/Fellows/Students\$25
**with verification of status*

You will receive a confirmation by e-mail. If you have not received it by November 28, 2021, 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.

LATE FEE AND REFUND POLICY

A \$25 late fee applies to registrations received after 5:00 p.m. EST on November 28, 2021. A handling fee of \$25 will be deducted for cancellation. Refund requests must be received by fax or mail by November 28, 2021. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

SYLLABUS AND LOG IN INFORMATION

The syllabus and Zoom Webinar link will be accessible online and via your mobile device in the CloudCME App one week prior to the activity start date. To access, please visit our website.

CME Website: <https://hopkinscme.cloud-cme.com>

(Sign In, Click My CME tab, Click Syllabus)

INTERNET CME POLICY

The Office of Continuing Medical Education (OCME) at the Johns Hopkins School of Medicine is committed to protecting the privacy of its members and customers. Johns Hopkins School of Medicine OCME maintains its internet site as an information resource and service for physicians, other health professionals and the public. OCME at the Johns Hopkins School of Medicine will keep your personal and credit information confidential when you participate in a CME Internet based program. Your information will never be given to anyone outside of the Johns Hopkins School of Medicine CME program. CME collects only the information necessary to provide you with the services that you request.

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HARDWARE/SOFTWARE REQUIREMENTS

Internet connection.

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 18, 2022.

AMERICANS WITH DISABILITIES ACT

The Johns Hopkins 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.*

TO REGISTER OR FOR FURTHER INFORMATION

Register online: hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=26079

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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Organization Code: *HopkinsCME*

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email: cmetechnsupport@jhmi.edu

For general information, please visit the activity webpage at

hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=26079

- 7:00 – 7:30 Sign into Zoom Webinar
 7:30 – 7:35 **Welcome and Conference Goals**
 Neil Bressler, MD
 7:35 – 7:45 **NIH-supported Retina Research:
 Where We Are in 2021**
 Michael Chiang, MD

Age-related Macular Degeneration – Geographic Atrophy and Their Masquerades

Moderators: Robert MacLaren, FMedSci and Hendrik Scholl, MD

- 7:45 – 7:55 **Recent Clinical Trial Results for
 Geographic Atrophy**
 Sandrine Zweifel, MD
 7:55 – 8:05 **Stem Cells for Retinal Degeneration**
 Robert MacLaren, FMedSci
 8:05 – 8:15 **Management of Pattern Dystrophies
 including Stargardt Disease**
 Hendrik Scholl, MD
 8:15 – 8:25 **Managing Central Serous Retinopathy
 in 2021**
 Andrew Lotery, MD
 8:25 – 8:45 Faculty Commentary

Age-related Macular Degeneration – Choroidal Neovascularization

Moderators: Carl Regillo, MD, Cindy Cai, MD, and
 Mark Breazzano, MD

- 8:45 – 8:55 **Current Status of Multimodal Imaging in
 Neovascular AMD**
 Srinivas Sadda, MD
 8:55 – 9:05 **Gene Therapy to Deliver Anti-VEGF
 Proteins for Retinal and Choroidal
 Vascular Diseases: Potential Benefits
 and Risks**
 Peter Campochiaro, MD
 9:05 – 9:15 **New Anti-VEGF Agents: Brolucizumab;
 Faricimab; Biosimilars – Incremental
 Novelty or Valuable Weapons in our
 Armamentarium**
 Caroline Baumal, MD
 9:15 – 9:25 **Slow Release Devices for Neovascular
 AMD**
 Dante Pieramici, MD
 9:25 – 9:35 **Polypoidal Choroidal Vasculopathy –
 Treat Like Neovascular AMD?**
 Gemmy Cheung, MD
 9:35 – 10:00 Faculty Commentary
 10:00 – 10:30 Break and Opportunity to Visit Virtual
 Exhibit Hall

Pathologic Myopia: Classification of Common Retinal Diseases

Moderators: Adam Wenick, MD, PhD and Kyoko Ohno-Matsui, MD

- 10:30 – 10:40 **Epidemic of Pathologic Myopia**
 Caroline Klaver, MD, PhD
 10:40 – 10:50 **Retinal Surgical Challenges in
 Pathologic Myopia**
 Taiji Sakamoto, MD, PhD
 10:50 – 11:00 **New Classifications of Common
 Retinal Diseases**
 Tien Wong, MD, PhD
 11:00 – 11:15 Faculty Commentary
Intraocular Tumors
Moderators: Carol Shields, MD and David Abramson, MD
 11:15 – 11:25 **Choroidal Melanoma Management in 2022**
 Carol Shields, MD
 11:25 – 11:35 **Recent Advances in Management of
 Retinoblastoma**
 David Abramson, MD
 11:35 – 11:45 Faculty Commentary
 11:45 – 12:45 Lunch Break and Opportunity to Visit Virtual
 Exhibit Hall

Surgical Innovations in Retina

Moderators: Stanislao Rizzo, MD and Sophie Cai, MD

- 12:45 – 12:55 **Status of Voretigene Neparvovec-RZYL
 for Retinal Degenerations**
 William Mieler, MD
 12:55 – 1:05 **3D Monitors for Retina Surgery**
 Stanislao Rizzo, MD
 1:05 – 1:15 **Gene Therapy in Retinal Diseases in 2021**
 Jacque Duncan, MD
 1:15 – 1:25 **Robotic Surgery in Retinal Diseases**
 Peter Gehlbach, MD
 1:25 – 1:45 Faculty Commentary

Retinal Vascular Diseases

Moderators: Adrienne Scott, MD and Jennifer Lim, MD

- 1:45 – 1:55 **Choosing Agents for Macular Edema from
 Retina Vein Occlusions**
 Sobha Sivaprasad, MD
 1:55 – 2:05 **Overview of Venous Overload
 Choroidopathy**
 Richard Spaide, MD
 2:05 – 2:15 **Progress with Artery-Vein Classification
 on OCT Angiography**
 Jennifer Lim, MD
 2:15 – 2:30 Faculty Commentary
 2:30 – 3:00 Break and Opportunity to Visit Virtual
 Exhibit Hall

Diabetic Retinopathy

Moderator: Susan Bressler, MD and Akrit Sodhi, MD, PhD

- 3:00 – 3:10 **Step Therapy for DME: Bevacizumab then Aflibercept?**
Chirag Jhaveri, MD
- 3:10 – 3:20 **Non-clearing Vitreous Hemorrhage: Vitrectomy or Anti-VEGF Initially**
Andrew Antoszyk, MD
- 3:20 – 3:30 **Management of Moderate to Severe Non-proliferative Diabetic Retinopathy without Macular Edema: Observation Until Vision-Threatening Complications or Attempt Prevention with Anti-VEGF**
Raj Maturi, MD
- 3:30 – 3:45 Faculty Commentary

Other Hot Topics in Retina

Moderators: Mira Sachdeva, MD, PhD, T.Y. Alvin Liu, MD and Amir Kashani, MD, PhD

- 3:45 – 3:55 **Monitoring Patients for Neovascular AMD – At Office and Home**
Anat Loewenstein, MD, PhD
- 3:55 – 4:05 **Artificial Intelligence in Retina**
Daniel Ting, MD
- 4:05 – 4:15 **U.S. Federal Policies and Retina**
George Williams, MD
- 4:15 – 4:25 **Ultrawide Field Retina Imaging**
Judy Kim, MD
- 4:25 – 4:35 **Advances in Uveitis**
Douglas Jabs, MD, MBA
- 4:35 – 4:55 Faculty Commentary
- 4:55 – 5:25 **American Academy of Ophthalmology and Retina after COVID-19: Where Might We Be Going in 2022 and Beyond**
David Parke, MD
- 5:25 – 5:30 **Summary and Closing Remarks**
J. Fernando Arévalo, MD

**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.

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 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.

FACULTY

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Professor of Ophthalmology

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Assistant Professor of Ophthalmology

GUEST SPEAKERS

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Memorial Sloan Kettering Cancer Center

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Ophthalmologist
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Tokyo Medical and Dental University (TMDU)

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COURSE NUMBER 80055316 / 26079

Retina Festival Update 2021 | **December 4, 2021**



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Residents/Fellows/Students.....\$25

**with verification of status*

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