

## 2024-25 Series Speakers



**September 18, 2024**

*Repetitive IOP Spikes are Silent Killers of Retinal Ganglion Cells*

**Valery Shestopalov, Ph.D.**

Professor, University of Miami School of Medicine  
Professor of Cell Biology, Department of Ophthalmology  
Bascom Palmer Eye Institute

Hosted by Crawford Downs, Ph.D.



**October 2, 2024**

*The Neurovascular Unit and Vision Loss in Diabetes*

**David Antonetti, Ph.D.**

Roger W. Kittendorf Research Professor of Ophthalmology and  
Visual Sciences

Professor, Molecular & Integrative Physiology  
Scientific Director, Ophthalmology and Visual Sciences  
University of Michigan, Kellogg Eye Center

Hosted by Maria Grant, M.D.



**October 30, 2024**

*Myopia Control and Optogenetic Visual Restoration  
Based on the Evolution of Diverse Light Reception*

**Toshihide Kurihara, M.D., Ph.D.**

Associate Professor of Ophthalmology  
Principal Investigator in the Laboratory of Photobiology  
Keio University School of Medicine, Tokyo, Japan

Hosted by Rafael Grytz, Ph.D.

Guests will present in person. All seminars will be live streamed via Zoom.  
Questions? Contact Natalie Harrison at [natalieharrison@uabmc.edu](mailto:natalieharrison@uabmc.edu) or visit our website.

## 2024-25 Series Speakers



**February 19, 2025**

*Fluid Mechanics of the Posterior Segment of the Eye*

**Rodolfo Repetto, Ph.D.**

Professor of Hydraulics

Department of Civil, Chemical and Environmental Engineering  
University of Genoa, Italy

Hosted by Gianfranco Bianco, Ph.D.



**April 10, 2025**

*Superior Colliculus Function in Strabismus*

**Jonathan Horton, M.D., Ph.D.**

Professor of Ophthalmology

University of California, San Francisco, School of Medicine

Hosted by Paul Gamlin, Ph.D.



**April 16, 2025**

*Shedding Light on Protein Renewal and  
Ultrastructure of Rod Outer Segments with  
Fluorescence Imagin*

**Yoshikazu Imanishi, Ph.D.**

Associate Professor of Ophthalmology  
Indiana University School of Medicine

Hosted by Tylor Lewis, Ph.D.

Guests will present in person. All seminars will be live streamed via Zoom.  
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