



17th Annual Symposium Visual Sciences Research Center

Schedule

Friday, June 12, 2015

8:00 Continental Breakfast, Poster Setup

8:30 **Douglas Rhee, M.D.**
Professor and Chairman, Ophthalmology & Visual Sciences
Opening Remarks

Retina and Related Diseases - Moderator: Akiko Maeda, M.D., Ph.D.

8:45 Introduction: Akiko Maeda

Keynote Speaker

Eric Pierce, M.D., Ph.D.

Solman and Libe Friedman Associate Professor, Ophthalmology
Harvard Medical School

Massachusetts Eye and Ear Infirmary

Complement and the Extracellular Matrix in Early Macular Degeneration

9:45 **Tatini Rakshit, Ph.D.**



10:45 **Sean Ryan, Ph.D.**
Research Health Scientist
Timothy Kern, Ph.D. Lab
Louis Stokes Cleveland VA Medical Center
Control of diabetes-induced retinal inflammation using cellular immune therapy

11:00 Break

Glaucoma and Epidemiology – Moderator: Carol Toris, Ph.D.

11:15 **Sruthi Sampathkumar, M.D.**
Research Associate, Ophthalmology
Carol Toris, Ph.D. Lab
Effects of SPARC (secreted protein, acidic, cysteine rich) on age-related changes in aqueous humor dynamics

11:30 **Kurt Scavelli**
Medical Student, Case Western Reserve University
Douglas Rhee, M.D. Lab
Understanding the role of SPARC in the regulation of the extracellular matrix of the trabecular meshwork

11:45 **Jessica Cooke Bailey, Ph.D.**
Postdoctoral Fellow, Epidemiology & Biostatistics
Jonathan Haines, Ph.D., Lab
Novel Genetic Loci Identified in Meta-Analysis of Glaucoma Genome-Wide Imputed Dataset

12:00 **Nicole Restrepo, Ph.D.**
Research Assistant, Epidemiology & Biostatistics
Dana Crawford, Ph.D., Lab
Genetic risk factors for primary open-angle glaucoma in African Americans from a biorepository linked to de-identified electronic medical records

12:15 **Douglas Rhee, M.D.**
Announcement of University Hospitals Eye Institute Innovation Day Award Recipients

12:30 – 2:00 Lunch & Poster Session

Introduction: Patricia Taylor, Ph.D.

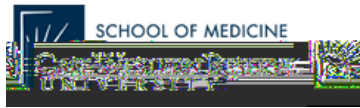
2:00 *Keynote Speaker*
Jerry Niederkorn, Ph.D.



Visual Sciences Training Program - Moderator: John Mieval, Ph.D.

- 3:00 **Jeffrey Tomalka, Ph.D.**
 Postdoctoral Fellow
 Parameswaran Ramakrishnan, Ph.D. Lab
 Co-Mentor, Timothy Kern, Ph.D.
Hyperglycemia-induced O-GlcNAcylation of NF-κB in retinal endothelial cell activation in autoimmune diabetes
- 3:15 **Philip Ropelewski**
 Graduate Student
 Yoshikazu





- 9:33 **Amy Zhang, M.D.**
Assistant Professor, Ophthalmology & Visual Sciences
Effect of trabectome on aqueous humor dynamics
- 9:45 **William Potthoff, M.D. O**