Friday, March 20, 2020

Guest Speaker: Louis R. Pasquale, MD, FARVO
Professor of Ophthalmology and Site Chair, Department of Ophthalmology, Mount Sinai Hospital
Director, Mount Sinai Hospital / NYEE Eye and Vision Research Institute
New York, New York

Faculty Host: Erin Boese, MD
Assistant Professor of Ophthalmology and Visual Sciences
Glaucoma Service

MEETING SCHEDULE:

8:45 AM Mansour F. Armaly Lecture: Primary Open Angle Glaucoma: What is the Correct Paradigm?
9:30 AM Case Presentation and Discussion
10:00 AM Break
10:30 AM Case Presentation and Discussion
12:00 PM Lunch – East Room (Elevator F, Level 8)
1:30 PM Lecture: Artificial Intelligence and Glaucoma: What is Possible?
2:30 PM ADJOURN

Disclosure of Relevant Financial Relationships: Verily; Eyenovia; Bausch + Lomb; Emerald Bioscience (Consultant); National Eye Institute (Grant/Research Support)

Purpose: Clinical Conferences sponsored by the Department of Ophthalmology and Visual Sciences present updated information on a broad spectrum of clinical issues and approaches that are of value and interest to practicing ophthalmologists and ophthalmic learners.

Objectives: Upon completing this conference, participants should be able to:

- Recognize there is high shared genetic heritability between CDR genes discovered in people without glaucoma and primary open angle glaucoma (POAG).
- Identify that a new view of POAG is emerging whereby optic nerve degeneration could occur regardless of the prevailing IOP depending on the burden of primary degeneration genes.
- Detect the gaps in glaucoma knowledge that could be addressed with artificial intelligence.
- Differentiate between supervised and unsupervised learning algorithms and appreciate how they are helping to close the gaps in glaucoma knowledge.

Notes:
Dr. Louis Pasquale is a glaucoma specialist with special interest in the management of primary open-angle glaucoma, particularly in cases with progressive disease despite seemingly normal intraocular pressure. He completed medical school at State University of New York at Stony Brook and residency at Temple University Hospital. His glaucoma fellowship was completed at Wilmer Eye Institute, Johns Hopkins University. Pasquale serves on the editorial board of several leading journals and is a member of the NIH’s National Advisory Eye Council. He serves ARVO as the Glaucoma Section Trustee and is also a member of the American Ophthalmological Society and the Glaucoma Research Society.

Pasquale has published extensively and given numerous named lectures as well as keynote presentations throughout the world. A NIH Principal Investigator with continuous support since 2006, his research focuses on the discovery of primary prevention strategies in the open-angle glaucomas. Pasquałe’s work has highlighted environmental risk factors for exfoliation syndrome, the most common form of secondary open angle glaucoma, and the role nitric oxide signaling plays in the pathogenesis of primary open-angle glaucoma. He has also contributed to resolving the complex genetic architecture of POAG.

CONTINUING MEDICAL EDUCATION ACCREDITATION

The University of Iowa Roy J. and Lucille A. Carver College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The University of Iowa Carver College of Medicine designates this live activity for a maximum of 3.75 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Everyone in a position to control the content of this educational activity will disclose to the CME provider and to attendees all relevant financial relationships with any commercial interest.

A $50 fee will be charged for continuing education credit to those physicians who are not current members of the Iowa Eye Association. (For Iowa Eye Association members, the fee for CME is covered through annual membership fees.) Please send checks payable to Iowa Eye Association to Joe Schmidt, Department of Ophthalmology, University of Iowa Hospitals & Clinics, 200 Hawkins Drive, 11136-PFP, Iowa City, Iowa 52242.

GENERAL INFORMATION

The department strives to promote an environment of respect, fairness, integrity and inclusiveness. Speakers and guests who attend clinical conferences, annual meetings and social events hosted by the department agree to show respect to others by refraining from demeaning, discriminatory, derogatory, abusive or unethical behavior or speech. We reserve the right to censure individuals who do not behave in accordance with these standards and sincerely appreciate the cooperation.

The University of Iowa prohibits discrimination in employment, educational programs, and activities on the basis of race, creed, color, religion, national origin, age, sex, pregnancy, disability, genetic information, status as a U.S. veteran, service in the U.S. military, sexual orientation, gender identity, associational preferences, or any other classification that deprives the person of consideration as an individual. The University also affirms its commitment to providing equal opportunities and equal access to University facilities. For more information, visit diversity.uiowa.edu/policies. Individuals with disabilities are encouraged to attend all University of Iowa-sponsored events. If you are a person with a disability who requires a reasonable accommodation in order to participate in this program, please contact Denise Rettig at 319-356-2866.

Physicians are welcome to bring patients to the clinical conferences for presentation/discussion. Please make arrangements in advance of the conference through Jenniffer Carpe, Nurse Manager, at 319-356-7218 or FAX information (319-356-0363). Patients will need to register at the Eye Clinic Reception Desk in the Pomerantz Family Pavilion so that a formal patient record can be established. There will be no physician fee for consultation; however, if special laboratory tests are necessary, charges may be applied after consulting with the patient. Questions, comments, or suggestions regarding this Conference series may be directed to Joe Schmidt at 319-384-8529 or joe-schmidt@uiowa.edu. Conference Calendar at medicine.uiowa.edu/eye