

Structural and Functional Correlates in Glaucoma

10:45 AM - 12:15 PM
Room: CTR-Arena

*Combined Meeting with the American Association of
Ophthalmic Pathologists (AAOP)*

Chair(s): Joseph W Sassani MD, Debra J Shetlar MD

The glaucomas represent a spectrum of disorders that have in common characteristic optic nerve and visual field abnormalities. The glaucomas lend themselves to structural and functional correlations during the clinical examination, in the pathobiology of the disease processes, and in their therapy. Mechanism, which is based on structure, is the foundation for treatment in the glaucomas and the special purview of the pathologist. Today's symposium focuses on structure and function in the pathobiology of the glaucomas. Our speakers discuss the latest developments in areas ranging from mechanisms underlying anterior segment developmental abnormalities, to intraocular pressure elevation, optic nerve injury, and laser surgical therapy.

- 10:45 AM** Introduction
Joseph W Sassani MD
- 10:47 AM** What Can Myocillin Research Tell Us about Glaucoma?
Wallace L M Alward MD
- 10:57 AM** How Does Ultrastructure Correlate with Function in the Trabecular Meshwork in Primary Open-Angle Glaucoma?
Theresa Retue Kramer MD
- 11:07 AM** Fetal Alcohol Syndrome: How Alcohol and Neural Crest Tissue Interact to Result in Glaucoma and a Social Disaster
George O D Rosenwasser MD
- 11:17 AM** Potential for Genetic Modification of Anterior Segment Structures to Correct Subcellular Abnormalities in Glaucoma
*Terete Borrás PhD***
- 11:27 AM** How Does the Histology of the Optic Nerve Head Contribute to the Pathobiology of Glaucoma?
J Douglas Cameron MD
- 11:37 AM** Must Structure be Altered to Improve Function in the Laser Therapy of Open-Angle Glaucoma?
Jorge A Alvarado MD
- ZIMMERMAN LECTURE**
- 11:47 AM** Introduction to the Zimmerman Lecture
Myron Yanoff MD
- 11:49 AM** The Zimmerman Lecture: New Perspectives on the Pseudoexfoliation Syndrome
Gottfried O Naumann MD
- 12:14 PM** Presentation of the Zimmerman Medal
Zeynel A Karcioglu MD
- 12:15 PM** End of Session