Award winner-Puja Mehta Board 2022T

Transcriptomic and Genetic regulation atlas of GlaucomaRelevant eye Tissues: Aqueous Outflow Pathways, Macula, and Optic Nerve Head.

Mauricio Garcia: Board 5051W:
Heterozygous Rare Loss-of-Function Variants in LTBP2 Confer Increased Risk for Adult-Onset Glaucoma: A Large-Scale Gene Burden Test in the UK Biobank

Elizabeth Rossin: Board 7039W:
Low population penetrance of variants associated with inherited retinal disease

Puja Mehta Board 2022T – *Award winner*
Transcriptomic and Genetic regulation atlas of Glaucoma-Relevant eye Tissues: Aqueous Outflow Pathways, Macula, and Optic Nerve Head.

Sudeep Mehrotra: Board 9196T
Validation of an Unbiased Metagenomic Sequencing Approach for Diagnosis of Infectious Uveitis

Michelle Bartolo: Board 9197T – *Award winner*
Developing a Cell-Type Specific and Multi-Ancestry Polygenic Risk Score Method with Applications to Glaucoma.

Riccardo Sangermano: Board 4046T:
Elucidating retinal gene function with in-vivo CRISPR-based gene perturbation assay

Kinga Bujakowska: Board 7040T:
Uncovering Hidden Structural and Splicing Variants in Unresolved Inherited Retinal Diseases

Songtao Xu: Board 5026T: Developing a single-cell allele-specific expression pipeline and its application to ocular tissues and interpretation of genetic associations with glaucoma October

Rinaldo Catta-Preta: Board 8047T: Detecting high confidence open chromatin regions in four anterior and posterior eye tissues and their application to fine-mapping glaucoma associations.

Swanand Koli: Board 9200tT: Gene Supplementation Restores Retinal Ganglion Cell Function in a Mouse Model of Familial Dysautonomia

Marianna Weener: Board 5034F – *Award winner*
Comparison of Empiric Data with *in silico* Prediction of Deep Intronic Pathogenicity in Inherited Retinal Disorders

Evelyn Harper: Board 8002F
Advancing Genetic Diagnosis in Inherited Retinal Diseases Through Diagnostic Whole Genome Sequencing
Friday October 17 2:30 PM - 4:30 PM

Emily Place: Board 2024F
Enhancing Variant Curation Guidelines for *ACO2*-Related Optic Atrophy Utilizing the ClinGen Framework

Meghana Dutta: Board 9154F: Normal tension glaucoma genome-wide association study supports CDKN2B-AS and SIX6 as major disease loci

Inas Aboobakar: Board 9104F: The paradox of phenotype precision: striking the balance between statistical power and refined phenotyping reveals a novel African POAG susceptibility

locus in the All of Us Research Program

Jyoti Lama: Genomic Causes and Consequences in Drug Treatment Platform session

Genome-wide association study for Glucocorticoid-induced Ocular Hypertension
Saturday, October 18, 8:30 AM - 9:30 AM