



New Discoveries in Ocular Genomics and Epigenomics

- **An Epigenetic basis for Ageing in Age-Related Macular Degeneration**
Presenter: L.F. Porter, Eye and Vision Sciences, University of Liverpool, Liverpool, Merseyside, UNITED KINGDOM, CARGO - centre d'affections rares en genetique ophtalmique, Universite de Strasbourg Faculte de Medecine, Strasbourg, Alsace, FRANCE
- **Gene expression in liver is influenced by coordinated activities at genetic loci associated with age-related macular degeneration**
Presenter: T. Strunz, Institute of Human Genetics, Universitat Regensburg, Regensburg, Bayern, GERMANY
- **Million Cell Retina Transcriptome Meta-Atlas for All**
Presenter: D. McGaughey, OGVFB, National Eye Institute, Bethesda, Maryland, UNITED STATES
- **Investigating the genotype-phenotype relationships of patient specific PNPLA6 mutations**
Presenter: J. Liu, Medical Genetics and Ophthalmic Genomics Unit, National Eye Institute, Bethesda, Maryland, UNITED STATES
- **10-year Incidence of Open-Angle Glaucoma in Highly Myopic Eyes as Compared with Non-highly Myopic Eyes in the Beijing Eye Study**
Presenter: Y. Wang, Beijing Institute of Ophthalmology, Beijing Tongren Hospital, CHINA
- **From gut to glaucoma: translating the microbiome to the eye**
Presenter: J. Vergroesen, Ophthalmology, Erasmus MC, Rotterdam, Zuid-Holland, NETHERLANDS
- **Role of Transcription Factor AP-2 β in the Development of the Trabecular Meshwork and Schlemm's Canal**
Presenter: A. Taiyab, McMaster University Faculty of Health Sciences, Hamilton, Ontario, CANADA
- **Childhood and Early-Onset Glaucoma Classification and Genetic Profile in a Large Australasian Disease Registry**
Presenter: L. Knight, Ophthalmology, Flinders University, Adelaide, South Australia, AUSTRALIA

- **Genetic analyses identify the first two genetic loci associated with sporadic pigment dispersion syndrome and indicate myopia is a causal factor for disease onset**

Presenter: M.J. Simcoe, Ophthalmology, King's College London, King's College London, London, London, GB, academic, London, UNITED KINGDOM, Institute of Ophthalmology, University College London, London, London, UNITED KINGDOM

- **X-linked retinoschisis: Long-term follow-up and genetic spectrum in 340 patients**

Presenter: C.J. Boon, Ophthalmology, Amsterdam UMC Locatie AMC, Amsterdam, North Holland, NETHERLANDS, Leids Universitair Medisch Centrum, Leiden, Zuid-Holland, NETHERLANDS

- **Genome-wide Association Study Finds Multiple Loci Associated with Intraocular Pressure In HS Rats**

Presenter: S. Fowler, Department of Ophthalmology, The University of Tennessee Health Science Center, Memphis, Tennessee, UNITED STATES