Abstracts/Presentations


2013, Gordon Research Conference:

Plant Lipids: Structure, Metabolism & Function, January 27 - February 1, 2013, Galveston, TX
Lionel Faure, Rafeiza Khan, Peter Koulen, Robby A. Petros, George John, Elison Blancaflor and Kent D. Chapman ‘Synthetic chemical activators of Fatty Acid Amide Hydrolase’

2013, ARVO Meeting, Seattle, Washington, meeting abstracts:

• Peter Koulen, co-organizer and moderator for the ARVO Committee-sponsored Workshop (session 150), “For Me or Not For Me: That Is the Question - Industry Funding for Research and Education”, Organized by the Commercial Relationships Committee
• Simon KAJA, Yuliya NAUMCHUK, Stephanie L. BURROUGHS, Priscilla K. Borden, Peter KOULEN ‘Differential overexpression of Homer 1 isoforms is associated with hallmarks of disease and decline in visual performance in a preclinical model of glaucoma.’ (6099 - B0170)
• Peter Koulen ‘The synaptic clustering protein Vesl-1/Homer 1 mediates protection of retinal neurons’ (3263 - A0054)
• Peter Koulen and Simon Kaja, co-organizers and moderators of the Special Interest Group (SIG) session ‘Endocannabinoid Signaling in the Retina - From Biochemistry to Disease to Therapy’

2013, Society for Neuroscience 43rd Annual Meeting, San Diego, CA, meeting abstracts:

• P. KOULEN. ‘Control of inositol 1,4,5-trisphosphate receptor mediated neuronal calcium signaling by steroid hormones’
• S. KAJA, Y. NAUMCHUK, N. SUMIEN, N. KHULLAR, M. A. MOORE, B. C.
• GERDES, M. J. FORSTER, P. KOULEN. ‘Age-related changes of cerebellar Vesl/Homer expression correlate with decline in motor coordination’.
2013, ARVO / ISOCB/Ocular Cell Biology Conference Keble College, Oxford, United Kingdom, meeting abstract: **P. KOULEN.** ‘Synaptic clustering proteins as targets for neuroprotection of retinal neurons’

**Rohit Krishna, MD; and Scott Olitsky, MD,** presented a poster, “Comparison of Eye Care Tonometry with Goldmann Applanation Tonometry in Children” at the American Academy of Ophthalmology in Orlando, Fla.


**Peter Koulen, PhD,** was designated by the Association for Research in Vision and Ophthalmology (ARVO) to moderate a scientific workshop entitled “Off Label, Off the Radar, On the Hook” at their May 2012 meeting.

**Nelson Sabates, MD,** was the keynote speaker at the UMKC Health Sciences Student Research Summit. The Summit highlights the sense of scientific curiosity and excitement amongst students that will ultimately help lay the groundwork for tomorrow’s scientific breakthroughs.

**Ryan Vincent, MD,** presented “Ophthalmic Medications,” at the KCSee Conference in January 2012.


**Wallace B.** “Therapeutic Update in Multiple Sclerosis.” Platform Presentation, Biogen Partner 2 Partner Lecture Series, Mar. 2012.


2012, ARVO Meeting, Fort Lauderdale, Florida, meeting abstracts:
• **Peter Koulen**, Kent D. Chapman, **Simon Kaja**, Stephanie L. Burroughs. ‘Structural and Functional Protection of the Retina by N-Acylethanolamines in Glaucoma’

• **Simon Kaja, Peter Koulen.** ‘Antioxidants Restore Lacrimal Gland Function Through A Calcium-Mediated Mechanism In Experimental Models Of Dry-eye Disease.’

• **Peter Koulen**, co-organizer and moderator for the ARVO Committee-sponsored Workshop, “Off Label, Off the Radar, On the Hook”, Organized by the Commercial Relationships Committee

2012, World Ophthalmology Congress 2012, Abu Dhabi, UAE, meeting abstract:

• **Simon Kaja, Peter Koulen.** ‘Calcium Channels in the Lacrimal Gland - Implications for Dry-Eye Disease.’

2012, XX Biennial Meeting of the International Society for Eye Research (ISER 2012) Berlin, Germany, July 21-25, 2012, meeting abstract:

• **Peter Koulen**, Kent D. Chapman, Simon Kaja, Stephanie L. Burroughs. ‘Protection of visual performance and structural integrity of the retina and optic nerve head in experimental models of glaucoma.’

2012, Society for Neuroscience 42nd Annual Meeting, New Orleans, LA, meeting abstracts:

• **S. KAJA, S. L. BURROUGHS, P. K. BORDEN, Y. NAUMCHUK, P. KOULEN.** ‘Homer-1 expression in the glaucomatous neural retina.’


"New Treatment Protocols for Thyroid Eye Disease." Lyon DB. Eye Foundation of Kansas City Annual Symposium, Kansas City, MO, 2011.

Stahl, E. "Diagnostic and Surgical Tracking System to Provide Precise Centration of Small-Aperture Corneal Inlays." Platform Presentation, American Society of Cataract and Refractive Surgery Annual Meeting, 2011.


"The Effect on Intraocular Pressure for Patients With Primary Open Angle Glaucoma That Have Either Vitreoretinal Surgery or Combination Vitreoretinal and Cataract Surgery." Sabates NR,


"Complications of Cataract Extraction With and Without IOL Placement in Patients Less Than One Year of Age." Poster Presentation, American Association for Pediatric Ophthalmology and Strabismus, 2009.


"Cataract Incidence Associated with ROP Treatment." Poster Presentation, American Association for Pediatric Ophthalmology and Strabismus, 2008.

**Resident Abstracts/Presentations**


"Measuring Pre-B-Cell Enhancing Colony Factor (PEBF) as a Biomarker to Predict Disease Outcomes and Possible Drug Targets in Patients with Retinal Vascular Occusions (RVOs)." Haji S. Platform Presentation, UMKC's Annual Ophthalmology Update 2012.


"A Comparison of Intraocular Pressure Reduction after Selective Laser Trabeculoplasty with the Co-administration of Loteprednol versus None." Rebenitsch RL, Binder NR, Jani A, Pikey K.


Shamim Haji, MD, presented “The Effect of Multiple Anti-VEGF Intravitreal Injections on Retinal Capillary Blood Flow.”

Luke Rebenitsch, MD, presented “A Comparison of Intraocular Pressure Reduction after Selective Laser Trabeculoplasty with the Co-administration of Loteprednol Versus None.”

Joshua Schliesser, MD, presented “Revisiting Fluorescein Angiography in the Evaluation and Management of Neovascular Age-related Macular Degeneration.”

Nicholas Binder, MD, “Effect of Post-SLT Steroids on Long-Term IOP Lowering and Endophthalmitis Prophylaxis for Resident Cataract Surgery.”


Adam McLaughlin, MD, “Ante to Post Mortem Changes in Human Iris and Conjunctival Tissue Patterns.”