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Prokai-Tatrai, Katalin; Xin, Hua; Nguyen, Vien; Szarka, Szabolcs; Blazics, Balázs; Prokai, Laszlo; Koulen, Peter. “17β-Estradiol eye drops protect retinal ganglion cells and preserve visual function in an in vivo model of glaucoma” Mol Pharm, 2013 Aug 5;10(8):3253-61. doi: 10.1021/mp400313u. Epub 2013 Jul 23. PMID: 23841874; PMCID in progress/ submitted; NIHMSID # in progress


“Homer-1a immediate early gene expression correlates with better cognitive performance in aging.” **Simon Kaja**, Nathalie Sumien, Priscilla K. Borden, Nitasha Khullar, Maaz Iqbal, Julie L. Collins, Michael J. Forster, **Peter Koulen**. Age, epub 11 Oct 2012, PMID: 23054826; PMCID in progress/ submitted; NIHMSID # 414227


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**Other Publications**


Book Chapters


Olitsky SE, Hug D, Smith LP. Ophthalmology Section in Nelson Textbook of Pediatrics, WB Saunders, Growth and Development; Examination of the Eye; Abnormalities of Refraction and Accommodation; Disorders of Vision; Abnormalities of the Pupil and Iris; Disorders of Eye Movement and Alignment; Abnormalities of the Lids; The Lacrimal System; The Conjunctiva; Abnormalities of the Cornea; Abnormalities of the Lens; The Uveal Tract; The Retina and Vitreous; Abnormalities of the Optic Nerve; Glaucoma; Orbital Abnormalities; Orbital Infections; Injuries to the Eye, Chapters 619-634, respectively, 2011.


"Practical Aspects of Photocoagulation" in Retinal and Vitreoretinal Surgery. Highlights Press Panama City, Panama 2009.


**Resident publications, presentations, and research activity**


"The Use of the iCare Tonometer Reduced the Need for Anesthesia to Measure Intraocular Pressure in Children." Grigorian F, Grigorian AP, Olitsky SE. J AAPOS 2012 Dec; 16(6): 508-10.
