



**Research to Prevent Blindness**

## **BIBLIOGRAPHY 2013**

**LISTED BY SCHOOL**

**RESEARCH ARTICLES CREDITING RPB SUPPORT IN 2013**

<b>UNRESTRICTED GRANTS</b>	<b>52</b>
<b>CHALLENGE GRANTS</b>	<b>7</b>
<b>INDIVIDUAL AWARDS</b>	<b>125</b>

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**RESEARCH ARTICLES CREDITING RPB FOR SUPPORT IN 2013:**  
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<b>PUBLICATION</b>	<b>CREDITS</b>
AMERICAN JOURNAL OF OPHTHALMOLOGY	69
INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE <i>Association for Research in Vision and Ophthalmology – ARVO</i>	220
JAMA OPHTHALMOLOGY	78
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OTHER PROFESSIONAL PUBLICATIONS	1,225
<b>TOTAL PAPERS WITH RPB CREDITS</b>	<b>1,679</b>

**SPECIFIC RPB GRANTS ACKNOWLEDGED\***

RPB Unrestricted Grants	1,497	Walt and Lilly Disney Awd	6
RPB Challenge Grants	51	Wm. and Mary Greve Scholar	1
RPB Jules & Doris Stein Prof.	13	Olga Keith Wiess Scholar	4
RPB Lew R. Wasserman Merit Awd.	33	Int'l Research Scholar	0
RPB Sr. Scientific Inv. Awd.	77	Sybil B. Harrington Scholar	8
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RPB Innov. Ophthalmic Research Awd	3	Medical Student Fellowship	3
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Nelson Trust Scholar	0	<b>TOTAL RPB GRANTEE CREDITS</b>	<b>1,847</b>

\*Includes research articles which credit more than one RPB grant recipient or category

UNIVERSITY OF ALABAMA

AMERICAN JOURNAL OF OPHTHALMOLOGY

Tatham AJ, Weinreb RN, Zangwill LM, Liebmann JM, Girkin CA, Medeiros FA. **Estimated retinal ganglion cell counts in glaucomatous eyes with localized retinal nerve fiber layer defects.** Am J Ophthalmol. 2013 Sep;156(3):578-87.e1 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Glaucoma

INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE

DeCarlo DK, McGwin G,Jr, Searcey K, Gao L, Snow M, Waterbor J, Owsley C. **Trial frame refraction versus autorefraction among new patients in a low-vision clinic.** Invest Ophthalmol Vis Sci. 2013 Jan 2;54(1):19-24 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Low Vision

Friedman C, McGwin G,Jr, Ball KK, Owsley C. **Association between higher order visual processing abilities and a history of motor vehicle collision involvement by drivers ages 70 and over.** Invest Ophthalmol Vis Sci. 2013 Jan 28;54(1):778-82 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Other (Driving)

Meira-Freitas D, Lisboa R, Tatham A, Zangwill LM, Weinreb RN, Girkin CA, Liebmann JM, Medeiros FA. **Predicting progression in glaucoma suspects with longitudinal estimates of retinal ganglion cell counts.** Invest Ophthalmol Vis Sci. 2013 Jun 19;54(6):4174-83 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Glaucoma

Tatham AJ, Weinreb RN, Zangwill LM, Liebmann JM, Girkin CA, Medeiros FA. **The relationship between cup-to-disc ratio and estimated number of retinal ganglion cells.** Invest Ophthalmol Vis Sci. 2013 May 7;54(5):3205-14 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Glaucoma

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Yan RT, Li X, Wang SZ. **Photoreceptor-like cells in transgenic mouse eye.** Invest Ophthalmol Vis Sci. 2013 Jul 16;54(7):4766-75 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Gene Research/Therapy

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Lisboa R, Chun YS, Zangwill LM, Weinreb RN, Rosen PN, Liebmann JM, Girkin CA, Medeiros FA. **Association between rates of binocular visual field loss and vision-related quality of life in patients with glaucoma.** JAMA Ophthalmol. 2013 Apr;131(4):486-94 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Glaucoma

Rudich DS, Curcio CA, Wasserstein M, Brodie SE. **Inner macular hyperreflectivity demonstrated by optical coherence tomography in niemann-pick disease.** JAMA Ophthalmol. 2013 Sep;131(9):1244-6 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Imaging

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Rudolf M, Vogt SD, Curcio CA, Huisinigh C, McGwin G,Jr, Wagner A, Grisanti S, Read RW. **Histologic basis of variations in retinal pigment epithelium autofluorescence in eyes with geographic atrophy.** Ophthalmology. 2013 Apr;120(4):821-8 (Univ. Alabama Birmingham - Physician-Scientist Award and Unres. Grant). Keyword(s): AMD

**OTHER PROFESSIONAL PUBLICATIONS – UNITED STATES AND FOREIGN**

Blunck H, Owsley C, MacLennan PA, McGwin G. **Driving with pets as a risk factor for motor vehicle collisions among older drivers.** *Accid Anal Prev.* 2013 Sep;58:70-4 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Other (Driving)

Curcio CA, Messinger JD, Sloan KR, McGwin G, Medeiros NE, Spaide RF. **Subretinal drusenoid deposits in non-neovascular age-related macular degeneration: Morphology, prevalence, topography, and biogenesis model.** *Retina.* 2013 Feb;33(2):265-76 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): AMD

Dreer LE, Girkin CA, Campbell L, Wood A, Gao L, Owsley C. **Glaucoma medication adherence among african americans: Program development.** *Optom Vis Sci.* 2013 Aug;90(8):883-97 (Univ. Alabama Birmingham - Career Development Awd and Unres. Grant). Keyword(s): Glaucoma

Elliott AF, McGwin G,Jr, Owsley C. **Vision impairment among older adults residing in assisted living.** *J Aging Health.* 2013 Mar;25(2):364-78 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Other (Aging; Vision Impairment)

Friedman DA, Mason JO,3rd, Emond T, McGwin G,Jr. **Povidone-iodine contact time and lid speculum use during intravitreal injection.** *Retina.* 2013 May;33(5):975-81 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Retina/Retinal Diseases

Glick ZR, Vaphiades MS, Northington ME. **OnabotulinumtoxinA unmasking myasthenia gravis.** *Dermatol Surg.* 2013 Mar;39(3 Pt 1):472-3 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Other (Myasthenia Gravis)

Green KA, McGwin G,Jr, Owsley C. **Associations between visual, hearing, and dual sensory impairments and history of motor vehicle collision involvement of older drivers.** *J Am Geriatr Soc.* 2013 Feb;61(2):252-7 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Other (Driving)

MacLennan PA, McGwin G,Jr, Searcey K, Owsley C. **Medical record validation of self-reported eye diseases and eye care utilization among older adults.** *Curr Eye Res.* 2013 Jan;38(1):1-8 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Epidemiology

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Owsley C, McGwin G,Jr, Searcey K. **A population-based examination of the visual and ophthalmological characteristics of licensed drivers aged 70 and older.** *J Gerontol A Biol Sci Med Sci.* 2013 May;68(5):567-73 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Epidemiology

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Read RW, Vogt SD, Barnum SR. **The complement anaphylatoxin receptors are not required for the development of experimental autoimmune uveitis.** J Neuroimmunol. 2013 Nov 15;264(1-2):127-9 (Univ. Alabama Birmingham - Physician-Scientist Awd and Unres. Grant). Keyword(s): Uveitis/Infectious Diseases

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Vattoth S, Compton CJ, Roberson GH, Vaphiades MS. **Susac syndrome. A differential diagnosis for demyelination.** Neurosciences (Riyadh). 2013 Jan;18(1):74-8 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Other (Susac Syndrome)

Yan RT, Li X, Huang J, Guidry C, Wang SZ. **Photoreceptor-like cells from reprogramming cultured mammalian RPE cells.** Mol Vis. 2013 May 30;19:1178-87 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): Gene Research/Therapy

Yunker JJ, McGwin G,Jr, Read RW. **Statin use and ocular inflammatory disease risk.** J Ophthalmic Inflamm Infect. 2013 Jan 11;3(1):8,5760-3-8 (Univ. Alabama Birmingham - Physician-Scientist Awd and Unres. Grant). Keyword(s): Uveitis/Infectious Diseases

Zhang QX, Lu RW, Messinger JD, Curcio CA, Guarcello V, Yao XC. **In vivo optical coherence tomography of light-driven melanosome translocation in retinal pigment epithelium.** Sci Rep. 2013;3:2644 (Univ. Alabama Birmingham - Unres. Grant). Keyword(s): AMD; Imaging

## ALBERT EINSTEIN COLLEGE OF MEDICINE

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Abbas SY, Hamade KC, Yang EJ, Nawy S, Smith RG, Pettit DL. **Directional summation in non-direction selective retinal ganglion cells.** PLoS Comput Biol. 2013;9(3):e1002969 (Albert Einstein College of Medicine - Unres. Grant). RPB support has been inadvertently omitted by grantee institution. Keyword(s): Retina/Retinal Diseases

Baker NE. **Developmental regulation of nucleolus size during drosophila eye differentiation.** PLoS One. 2013;8(3):e58266 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Gene Research/Therapy; Retina/Retinal Diseases

Belilos E, Oleske JM, Medow NB, Sadovsky R, Campese CL, Bello JA, Swan KG. **The greater metropolitan medical alumni council (GMMAC): The realization of a need.** J Investig Med. 2013 Aug;61(6):967-71 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Other (Education; Public Health and Teaching)

Belyea D, Mines M, Yao W, Dan J, Bower K. **Telerobotic contract transscleral cyclophotocoagulation of the ciliary body with the diode laser.** J Robotic Surg. 2013 Jun;7(2) (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Glaucoma; Retina/Retinal Diseases

Bloom RI, Schwarcz RM, Zhang C, Rosenberg JB. **A case of congenital myofibroma of the orbit presenting at birth.** Orbit. 2013 Feb;32(1):33-5 (Albert Einstein College of Medicine - Unres. Grant). RPB support has been inadvertently omitted by grantee institution. Keyword(s): Ocular Oncology/Pterygium

Braunger BM, Ohlmann A, Koch M, Tanimoto N, Volz C, Yang Y, Bosl MR, Cvekl A, Jagle H, Seeliger MW, Tamm ER. **Constitutive overexpression of norrin activates Wnt/beta-catenin and endothelin-2 signaling to protect photoreceptors from light damage.** Neurobiol Dis. 2013 Feb;50:1-12 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Retina/Retinal Diseases

Casimiro TM, Nawy S, Carroll RC. **Molecular mechanisms underlying activity-dependent AMPA receptor cycling in retinal ganglion cells.** Mol Cell Neurosci. 2013 Sep;56:384-92 (Albert Einstein College of Medicine - Unres. Grant). RPB support has been inadvertently omitted by grantee institution. Keyword(s): Glaucoma; Retina/Retinal Diseases

Hazan A, Patel RM, Levinson D, Mian U, Gritz DC. **A typical bilateral toxoplasma retinochoroiditis in a bone marrow transplant patient with negative serum titers.** J Ophthalmic Inflamm Infect. 2013 Jan 28;3(1):23,5760-3-23 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Uveitis/Infectious Diseases

Jia X, Tanabe S, Kohn A. **Gamma and the coordination of spiking activity in early visual cortex.** Neuron. 2013 Feb 20;77(4):762-74 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Neuro-Ophthalmology

Jia X, Xing D, Kohn A. **No consistent relationship between gamma power and peak frequency in macaque primary visual cortex.** J Neurosci. 2013 Jan 2;33(1):17-25 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Neuro-Ophthalmology

Jonna G, Channa P. **Updated practical intraocular lens power calculation after refractive surgery.** Curr Opin Ophthalmol. 2013 Jul;24(4):275-80 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Cataract

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Kim SH, Oh JH, Do JR, Chuck RS, Park CY. **A comparison of anchored conjunctival rotation flap and conjunctival autograft techniques in pterygium surgery.** Cornea. 2013 Dec;32(12):1578-81 ([Albert Einstein College of Medicine - Unres. Grant](#)). Keyword(s): Ocular Oncology/Pterygium

Nguyen MK, Chuck RS. **Corneal collagen cross-linking in the stabilization of PRK, LASIK, thermal keratoplasty, and orthokeratology.** Curr Opin Ophthalmol. 2013 Jul;24(4):291-5 ([Albert Einstein College of Medicine - Unres. Grant](#)). Keyword(s): Cataract; Cornea; Other (Refractive Surgery)

Park CY, Chuck RS. **Non-descemet stripping descemet membrane endothelial keratoplasty.** Cornea. 2013 Dec;32(12):1607-9 ([Albert Einstein College of Medicine - Unres. Grant](#)). RPB support has been inadvertently omitted by grantee institution. Keyword(s): Cornea

Park CY, Do JR, Kim SH, Lim CY, Chuck RS. **The effect of head tilt on keratometric measurement using the IOLMaster.** Eye (Lond). 2013 Dec;27(12):1411-7 ([Albert Einstein College of Medicine - Unres. Grant](#)). Keyword(s): Cataract; Cornea; Other (Refractive Surgery)

Park CY, Oh JH, Chuck RS. **Predicting ocular residual astigmatism using corneal and refractive parameters: A myopic eye study.** Curr Eye Res. 2013 Aug;38(8):851-61 ([Albert Einstein College of Medicine - Unres. Grant](#)). Keyword(s): Cataract; Cornea; Other (Refractive Surgery)

Park J, Gritz DC. **Evolution in the use of intrastromal corneal ring segments for corneal ectasia.** Curr Opin Ophthalmol. 2013 Jul;24(4):296-301 ([Albert Einstein College of Medicine - Unres. Grant](#)). Keyword(s): Cornea

Park S, Chuck RS. **Corneal collagen cross-linking for correction of low myopia?** Curr Opin Ophthalmol. 2013 Jul;24(4):273-4 ([Albert Einstein College of Medicine - Unres. Grant](#)). RPB support has been inadvertently omitted by grantee institution. Keyword(s): Cornea; Myopia/Presbyopia

Patterson CA, Wissig SC, Kohn A. **Distinct effects of brief and prolonged adaptation on orientation tuning in primary visual cortex.** J Neurosci. 2013 Jan 9;33(2):532-43 ([Albert Einstein College of Medicine - Unres. Grant](#)). Keyword(s): Neuro-Ophthalmology

Rashid S, Pilli S, Chin EK, Zawadzki RJ, Werner JS, Park SS. **Five-year follow-up of macular morphologic changes after rhegmatogenous retinal detachment repair: Fourier domain OCT findings.** Retina. 2013 Nov-Dec;33(10):2049-58 ([Albert Einstein College of Medicine - Unres. Grant](#)). Keyword(s): Retina/Retinal Diseases

Rosenberg JB, Tepper OM, Medow NB. **Strabismus in craniosynostosis.** J Pediatr Ophthalmol Strabismus. 2013 May-Jun;50(3):140-8 ([Albert Einstein College of Medicine - Unres. Grant](#)). Keyword(s): Strabismus/Amblyopia/Eye Movement Disorders

Schwarcz RM, Coupland SE, Finger PT. **Cancer of the orbit and adnexa.** Am J Clin Oncol. 2013 Apr;36(2):197-205 ([Albert Einstein College of Medicine - Unres. Grant](#)). RPB support has been inadvertently omitted by grantee institution. Keyword(s): Ocular Oncology/Pterygium

Shaham O, Gueta K, Mor E, Oren-Giladi P, Grinberg D, Xie Q, Cvekl A, Shomron N, Davis N, Keydar-Prizant M, Raviv S, Pasmanik-Chor M, Bell RE, Levy C, Avellino R, Banfi S, Conte I, Ashery-Padan R. **Pax6 regulates gene expression in the vertebrate lens through miR-204.** PLoS Genet. 2013;9(3):e1003357 ([Albert Einstein College of Medicine - Unres. Grant](#)). Keyword(s): Cataract; Gene Research/Therapy; Other (Eye Development)



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Smith MA, Jia X, Zandvakili A, Kohn A. **Laminar dependence of neuronal correlations in visual cortex.** J Neurophysiol. 2013 Feb;109(4):940-7 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Neuro-Ophthalmology

Tsui I, Ebani E, Rosenberg JB, Lin J, Angert RM, Mian U. **Patent ductus arteriosus and indomethacin treatment as independent risk factors for plus disease in retinopathy of prematurity.** J Pediatr Ophthalmol Strabismus. 2013 Mar-Apr;50(2):88-92 (Albert Einstein College of Medicine - Unres. Grant). RPB support has been inadvertently omitted by grantee institution. Keyword(s): Pediatric; Retina/Retinal Diseases

Walcher T, Xie Q, Sun J, Irmeler M, Beckers J, Ozturk T, Niessing D, Stoykova A, Cvekl A, Ninkovic J, Gotz M. **Functional dissection of the paired domain of Pax6 reveals molecular mechanisms of coordinating neurogenesis and proliferation.** Development. 2013 Mar;140(5):1123-36 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Cataract; Gene Research/Therapy

Wissig SC, Patterson CA, Kohn A. **Adaptation improves performance on a visual search task.** J Vis. 2013 Feb 6;13(2):6 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Neuro-Ophthalmology

Wolf L, Gao CS, Gueta K, Xie Q, Chevallier T, Podduturi NR, Sun J, Conte I, Zelenka PS, Ashery-Padan R, Zavadil J, Cvekl A. **Identification and characterization of FGF2-dependent mRNA: MicroRNA networks during lens fiber cell differentiation.** G3 (Bethesda). 2013 Dec 9;3(12):2239-55 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Cataract; Gene Research/Therapy

Wolf L, Harrison W, Huang J, Xie Q, Xiao N, Sun J, Kong L, Lachke SA, Kuracha MR, Govindarajan V, Brindle PK, Ashery-Padan R, Beebe DC, Overbeek PA, Cvekl A. **Histone posttranslational modifications and cell fate determination: Lens induction requires the lysine acetyltransferases CBP and p300.** Nucleic Acids Res. 2013 Dec;41(22):10199-214 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Cataract; Gene Research/Therapy; Other (Eye Development)

Xie Q, Yang Y, Huang J, Ninkovic J, Walcher T, Wolf L, Vitenzon A, Zheng D, Gotz M, Beebe DC, Zavadil J, Cvekl A. **Pax6 interactions with chromatin and identification of its novel direct target genes in lens and forebrain.** PLoS One. 2013;8(1):e54507 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Cataract; Gene Research/Therapy; Other (Eye Development)

Yadav MK, Chuck RS, Park CY. **Composition of artificial tear solution affects in vitro pseudomonas aeruginosa biofilm formation on silicone hydrogel lens.** J Ocul Pharmacol Ther. 2013 Jul-Aug;29(6):591-4 (Albert Einstein College of Medicine - Unres. Grant). Keyword(s): Cataract; Dry Eye; Uveitis/Infectious Diseases

UNIVERSITY OF ARIZONA

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Gilani F, Cortese M, Ambrosio RR,Jr, Lopes B, Ramos I, Harvey EM, Belin MW. **Comprehensive anterior segment normal values generated by rotating scheimpflug tomography.** J Cataract Refract Surg. 2013 Nov;39(11):1707-12 (Univ. Arizona - Unres. Grant). RPB support has inadvertently omitted by grantee institution. Keyword(s): Cornea

Harvey EM, Miller JM, Schwiegerling J. **Utility of an open field shack-hartmann aberrometer for measurement of refractive error in infants and young children.** J AAPOS. 2013 Oct;17(5):494-500 (Univ. Arizona - Career Development Awd, Walt and Lilly Disney Awd and Unres. Grant). Keyword(s): Pediatric

Harvey EM, Miller JM, Schwiegerling J, Sherrill D, Messer DH, Dobson V. **Developmental changes in anterior corneal astigmatism in tohono O'odham native american infants and children.** Ophthalmic Epidemiol. 2013 Apr;20(2):102-8 (Univ. Arizona - Career Development Awd and Unres. Grant). Keyword(s): Pediatric

Tekin M, Chioza BA, Matsumoto Y, Diaz-Horta O, Cross HE, Duman D, Kokotas H, Moore-Barton HL, Sakoori K, Ota M, Odaka YS, Foster J,2nd, Cengiz FB, Tokgoz-Yilmaz S, Tekeli O, Grigoriadou M, Petersen MB, Sreekantan-Nair A, Gurtz K, Xia XJ, Pandya A, Patton MA, Young JI, Aruga J, Crosby AH. **SLITRK6 mutations cause myopia and deafness in humans and mice.** J Clin Invest. 2013 May 1;123(5):2094-102 (Univ. Arizona - Unres. Grant). Keyword(s): Gene Research/Therapy

Twelker JD, Miller JM, Sherrill DL, Harvey EM. **Astigmatism and myopia in tohono O'odham native american children.** Optom Vis Sci. 2013 Nov;90(11):1267-73 (Univ. Arizona - Unres. Grant). Keyword(s): Pediatric; Strabismus/Amblyopia/Eye Movement Disorders

Ursea R, Feng M, Urs R, RoyChoudhury A, Silverman RH. **Comparison of artemis 2 ultrasound and visante optical coherence tomography corneal thickness profiles.** J Refract Surg. 2013 Jan;29(1):36-41 (Univ. Arizona - Unres. Grant). Keyword(s): Cornea

**BAYLOR COLLEGE OF MEDICINE**

**AMERICAN JOURNAL OF OPHTHALMOLOGY**

Gumus K, Pflugfelder SC. **Increasing prevalence and severity of conjunctivochalasis with aging detected by anterior segment optical coherence tomography.** Am J Ophthalmol. 2013 Feb;155(2):238-42.e2 (Baylor College of Medicine – Unres. Grant). Keyword(s): Dry Eye

Ling JD, Gire A, Pflugfelder SC. **PROSE therapy used to minimize corneal trauma in patients with corneal epithelial defects.** Am J Ophthalmol. 2013 Apr;155(4):615-19.e1-2 (Baylor College of Medicine – Unres. Grant). Keyword(s): Cornea; Dry Eye

**INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE**

Alex A, Edwards A, Hays JD, Kerkstra M, Shih A, de Paiva CS, Pflugfelder SC. **Factors predicting the ocular surface response to desiccating environmental stress.** Invest Ophthalmol Vis Sci. 2013 May 7;54(5):3325-32 (Baylor College of Medicine – Unres. Grant). Keyword(s): Cornea; Dry Eye

Butler MR, Prospero Ponce CM, Weinstock YE, Orengo-Nania S, Chevez-Barrios P, Frankfort BJ. **Topical silver nanoparticles result in improved bleb function by increasing filtration and reducing fibrosis in a rabbit model of filtration surgery.** Invest Ophthalmol Vis Sci. 2013 Jul 24;54(7):4982-90 (Baylor College of Medicine – Career Development Awd and Unres. Grant). Keyword(s): Glaucoma

Frankfort BJ, Khan AK, Tse DY, Chung I, Pang JJ, Yang Z, Gross RL, Wu SM. **Elevated intraocular pressure causes inner retinal dysfunction before cell loss in a mouse model of experimental glaucoma.** Invest Ophthalmol Vis Sci. 2013 Jan 28;54(1):762-70 (Baylor College of Medicine – Career Development Awd and Unres. Grant). Keyword(s): Glaucoma

Pang JJ, Paul DL, Wu SM. **Survey on amacrine cells coupling to retrograde-identified ganglion cells in the mouse retina.** Invest Ophthalmol Vis Sci. 2013 Aug 1;54(8):5151-62 (Baylor College of Medicine – Unres. Grant). Keyword(s): Retina/Retinal Diseases

Redfern RL, Patel N, Hanlon S, Farley W, Gondo M, Pflugfelder SC, McDermott AM. **Toll-like receptor expression and activation in mice with experimental dry eye.** Invest Ophthalmol Vis Sci. 2013 Feb 28;54(2):1554-63 (Baylor College of Medicine – Unres. Grant). RPB support has been inadvertently omitted by grantee institution. Keyword(s): Dry Eye

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AMERICAN JOURNAL OF OPHTHALMOLOGY

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AMERICAN JOURNAL OF OPHTHALMOLOGY

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