

UNIVERSITY OF CALIFORNIA, LOS ANGELES
DEPARTMENT OF OPHTHALMOLOGY

AMERICAN JOURNAL OF OPHTHALMOLOGY

Chang MY, Shin A, Park J, Nagiel A, Lalane RA, Schwartz SD, Demer JL. **Deformation of optic nerve head and peripapillary tissues by horizontal duction.** Am. J. Ophthalmol. 2017 Feb;174:85-94. (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Neuro-ophthalmology, Strabismus/Amblyopia/Eye Movement Disorders

Fatehi N, Nowroozizadeh S, Henry S, Coleman AL, Caprioli J, Nouri-Mahdavi K. **Association of structural and functional measures with contrast sensitivity in glaucoma.** Am J Ophthalmol. 2017 Jun; 178:129-139. (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Glaucoma

Govetto A, Lalane RA 3rd, Sarraf D, Figueroa MS, Hubschman JP. **Insights into epiretinal membranes: Presence of ectopic inner foveal layers and a new optical coherence tomography staging scheme.** Am J Ophthalmol. 2017 Mar; 175:99-113. (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Retina/Retinal Diseases

Govetto A, Su D, Farajzadeh M, Megerdichian A, Platner E, Ducournau Y, Virgili G, Hubschman JP. **Microcystoid macular changes in association with idiopathic epiretinal membranes in eyes with and without glaucoma: Clinical insights.** Am J Ophthalmol. 2017 Sep; 181:156-165. (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Glaucoma; Retina/Retinal Diseases

Velez FG, Chang MY, Pineles SL. **Inferior rectus transposition: A novel procedure for abducens palsy.** Am J Ophthalmol. 2017 May; 177:126-130. (Univ. of California Los Angeles - Walt and Lily Disney Awd and Unres. Grant) Keyword(s): Neuro-Ophthalmology; Pediatric; Strabismus/Amblyopia/Eye Movement Disorders

INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE

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Chung DD, Frausto RF, Lin BR, Hanser EM, Cohen Z, Aldave AJ. **Transcriptomic profiling of posterior polymorphous corneal dystrophy.** Invest Ophthalmol Vis Sci. 2017 Jun 1;5(7):3202-3214. (Univ. of California, Los Angeles - Unres. Grant) Keyword(s): Cornea; Gene Research/Therapy

Demer JL, Clark RA, Suh SY, Giaconi JA, Nouri-Mahdavi K, Law SK, Bonelli L, Coleman AL, Caprioli J. **Magnetic resonance imaging of optic nerve traction during adduction in primary open-angle glaucoma with normal intraocular pressure.** Invest Ophthalmol Vis Sci. 2017 Aug 1;58(10):4114-4125. (Univ. of California, Los Angeles - Unres. Grant) Keyword(s): Glaucoma

Suh SY, Le A, Shin A, Park J, Demer JL. **Progressive deformation of the optic nerve head and peripapillary structures by graded horizontal duction.** Invest Ophthalmol Vis Sci. 2017 Oct; 58(12):5015-5021. (Univ. of California, Los Angeles - Unres. Grant) Keyword(s): Glaucoma

JAMA OPHTHALMOLOGY

Lonngi M, Velez FG, Tsui I, Davila JP, Rahimi M, Chan C, et al. **Spectral-domain optical coherence tomographic angiography in children with amblyopia.** JAMA Ophthalmol. 2017 Oct 1;135(10):1086-1091. (Univ. of California, Los Angeles – Walt and Lily Disney Awd and Unres. Grant) Keyword(s): Neuro-Ophthalmology; Pediatric

Zin AA, Tsui I, Rossetto J, Vasconcelos Z, Adachi K, Vasconcelos Z, Adachi K, Valderramos S, Halai UA, Pone MVDS, Pone SM, Silveira Filho JCB, Aibe MS, da Costa ACC, Zin OA, Belfort R Jr, Brasil P, Nielsen-Saines K, Moreira MEL. **Screening criteria for ophthalmic manifestations of congenital zika virus infection.** JAMA Pediatrics. 2017 Sep 1;171(9):847-854. (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Pediatric; Retina/Retinal Diseases; Uveitis/Infectious Diseases

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Chang MY, Velez FG, Demer JL, Bonelli L, Quiros PA, Arnold AC, Sadun AA, Pineles SL. **Accuracy of diagnostic imaging modalities for classifying pediatric eyes as papilledema versus pseudopapilledema.** Ophthalmology. 2017 Dec;124:1839-1848. (Univ. of California, Los Angeles – Walt and Lily Disney Awd and Unres. Grant) Keyword(s): Neuro-ophthalmology

Huang AS, Li M, Yang D, Wang H, Wang N, Weinreb RN. **Aqueous angiography in living nonhuman primates shows segmental, pulsatile, and dynamic angiographic aqueous humor outflow.** Ophthalmology. 2017 Jun;124(6):793-803. (Univ. of California Los Angeles - Career Development Awd and Unres. Grant) Keyword(s): Glaucoma

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Lenis TL, Chiu SY, Law SK, Yu F, Aldave AJ. **Safety of concurrent boston type I keratoprosthesis and glaucoma drainage device implantation.** Ophthalmology. 2017 Jan;124(1):12-19. (Univ. of California, Los Angeles - Unres. Grant) Keyword(s): Cornea

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Chang MY, Coleman AL, Tseng VL, Demer JL. **Surgical interventions for vertical strabismus in superior oblique palsy.** Cochrane Database Syst. Rev. 2017 Nov; 11: CO012447. (Univ. of California Los Angeles – Unres. Grant) Keyword(s): Neuro-ophthalmology, Strabismus/Amblyopia/Eye Movement Disorders

Chang MY, Liu W, Glasgow BJ, Isenberg SJ, Velez FG. **Necrotizing Tenon's capsule infection in a lymphopenic down syndrome patient following strabismus surgery.** J APPOS. 2017 Aug; 21(4): 333-335. (Univ. of California Los Angeles – Unres. Grant) RPB support has been inadvertently omitted by grantee institution. Keyword(s): Strabismus/Amblyopia/Eye Movement Disorders

Chang MY, Pineles SL. **Pediatric optic neuritis.** Semin Pediatr Neurol. 2017 May;24(2):122-128. (Univ. of California Los Angeles – Walt and Lily Disney Awd and Unres. Grant) Keyword(s):Neuro-Ophthalmology; Pediatric

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Chung DD, Frausto RF, Cervantes AE, Lin BR, Hanser EM, Cohen Z, Aldave AJ. **Confirmation of the OVOL2 promoter mutation c.-307T>C in posterior polymorphous corneal dystrophy 1.** PLoS One. 2017 Jan 3;12(1):e0169215. (Univ. of California Los Angeles - Unres. Grant) Keyword(s): Cornea; Gene Research/Therapy

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Zakharevich M, Kattan J, Chen JL, Lin BR, Cervantes AE, Chung DD, Frausto RF, Aldave AJ. **Elucidating the molecular basis of PPCD: Effects of decreased ZEB1 expression on corneal endothelial cell function.** Mol Vis. 2017 Oct 14;23:740-752. (Univ. of California, Los Angeles - Unres. Grant) Keyword(s): Cornea; Gene Research/Therapy

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Akil H, Chopra V, Huang AS, Swamy R, Francis BA. **Short-term clinical results of ab interno trabeculotomy using the trabectome with or without cataract Surgery for open-angle glaucoma patients of high intraocular pressure.** J Ophthalmology 2017;2017:8248710. (Univ. of California Los Angeles – Unres. Grant) Keyword(s): Glaucoma

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Field GD, Sampath AP. **Behavioural and physiological limits to vision in mammals.** Philos Trans R Soc Lond B Biol Sci. 2017 Apr 5;372(1717). (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Other (Photon Detection; Rod Photoreceptor; Scotopic Vision; Visual Sensitivity)

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Yulek F, Velez FG, Isenberg SJ, Demer JL, Pineles SL. **Binocular summation and control of intermittent exotropia.** Strabismus. 2017 Jun;25(2):81-86. (Univ. of California Los Angeles - Walt and Lilly Disney Awd and Unres. Grant) Keyword(s): Neuro-Ophthalmology; Pediatric; Strabismus/Amblyopia/Eye Movement Disorders