

**DEPARTMENT OF OPHTHALMOLOGY
UNIVERSITY OF CALIFORNIA, LOS ANGELES**

AMERICAN JOURNAL OF OPHTHALMOLOGY

Govetto A, Dacquay Y, Farajzadeh M, Platner E, Hirabayashi K, Hosseini H, Schwartz SD, Hubschman JP. **Lamellar macular hole: Two distinct clinical entities?** Am J Ophthalmol. 2016 Apr;164:99-109. (University of California, Los Angeles – Unres. Grant) Keyword(s): Optic Neuropathy; Other (Macular Hole)

Hirunpatravong P, Reza A, Romero P, Kim EA, Nouri-Mahdavi K, Law SK, Morales E, Caprioli J. **Same-site trabeculectomy revision for failed trabeculectomy: Outcomes and risk factors for failure.** Am J Ophthalmol. 2016 Oct;170:110-118. (University of California, Los Angeles – Unres. Grant) Keyword(s): Glaucoma

Kattan JM, Velez FG, Demer JL, Pineles SL. **Relationship between binocular summation and stereoacuity after strabismus surgery.** Am J Ophthalmol. 2016 May;165:29-32 (Univ. of California, Los Angeles—Walt and Lily Disney Awd and Unres. Grant). Keyword(s): Neuro-Ophthalmology; Strabismus/Amblyopia/Eye Movement Disorders

Nemiroff J, Kuehlewein L, Rahimy E, Tsui I, Doshi R, Gaudric A, Gorin MB, Sadda S, Sarraf D. **Assessing deep retinal capillary ischemia in paracentral acute middle maculopathy by optical coherence tomography angiography.** Am J Ophthalmol. 2016 Feb;162:121-132.e1. (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Imaging; Retinal/Retinal Diseases; Retinal Vein and Artery Occlusion

INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE

Amini N, Miraftebi A, Henry S, Chung N, Nowroozizadeh S, Caprioli J, Nouri-Mahdavi K. **The Relationship of the clinical disc margin and Bruch's membrane opening in normal and glaucoma subjects.** Invest Ophthalmol Vis Sci. 2016 Mar;57(3):1468-1475 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Glaucoma; Imaging

Böni C, Thorne JE, Spaide RF, Ostheimer TA, Sarraf D, Levinson RD, Goldstein DA, Rifkin LM, Vitale AT, Jaffe GJ, Holland, GN. **Choroidal Findings in Eyes with Birdshot Chorioretinitis using Enhanced-Depth Optical Coherence Tomography.** Invest Ophthalmol Vis Sci. 2016 Jul 1;57(9):OCT591-OCT599 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Other (Birdshot Chorioretinopathy; Choroid; Uveitis)

Clark RA, Demer JL. **Changes in extraocular muscle volume during ocular duction.** Invest Ophthalmol Vis Sci. 2016 Mar;57(3):1106-11 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Neuro-ophthalmology; Strabismus/Amblyopia/Eye Movement Disorders

Chung DW, Frausto RF, Chiu S, Lin BR, Aldave AJ. **Investigating the molecular basis of PPCD3: Characterization of ZEB1 regulation of COL4A3 expression.** Invest Ophthalmol Vis Sci. 2016 Aug 1;57(10):4136-43 (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Cornea; Gene Research

Demer JL. **Optic nerve sheath as a novel mechanical load on the globe during ocular duction.** Invest Ophthalmol Vis Sci. 2016 April;57(4):1826-38 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Neuro-ophthalmology; Strabismus/Amblyopia/Eye Movement Disorders

Huang AS, Saraswathy S, Dastiridou A, Begian A, Mohindroo C, Tan JC, Francis BA, Hinton DR, Weinreb RN. **Aqueous angiography-mediated guidance of trabecular bypass improves angiographic outflow in human enucleated eyes.** Invest Ophthalmol Vis Sci. 2016 Sept 1;57(11): 4558-65. (Univ. of California, Los Angeles - Career Development Awd and Unres. Grant) Keyword(s): Glaucoma, Imaging

Miraftabi A, Amini N, Morales E, Henry S, Yu F, Afifi A, Coleman AL, Caprioli J, Nouri-Mahdavi K. **Macular SD-OCT outcome measures: Comparison of local structure-function relationships and dynamic range.** Invest Ophthalmol Vis Sci. 2016 Sep 1;57(11):4815-23 (Univ. of California, Los Angeles - Unres. Grant) Keyword(s): Glaucoma; Imaging

Schwartz, SD, Tan G, Hosseini H, Nagiel A. **Subretinal transplantation of embryonic stem cell-derived retinal pigment epithelium for the treatment of macular degeneration: An assessment at 4 years.** Invest Ophthalmol Vis Sci. 2016 Apr 1;57(5):ORSFc1-ORSFc9 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Retina/Retinal Disease; Stem Cell Research/Therapy;

Telander DG, Yu AK, Forward KI, Morales SA, Morse LS, Park SS, Gordon LK. **Epithelial membrane protein-2 in human proliferative vitreoretinopathy and epiretinal membranes.** Invest. Ophthalmol. Vis. Sci. 2016. Jun;57(7);3112-7 (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Retina/Retinal diseases

JAMA OPHTHALMOLOGY

Klufas MA, McCannel CA, McCannel TA. **Simultaneous retinal and choroidal metastases in lung adenocarcinoma.** JAMA Ophthalmol. 2016 May 12;134(5) (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Other (Metastases)

Su D, Klufas MA, Hubschman JP. **Spontaneous closure of a full-thickness macular hole with conversion to exudative age-related macular degeneration.** JAMA Ophthalmol. 2016 134(5):604-606 (University of California, Los Angeles – Unres. Grant) Keyword(s): AMD; Other (Macular Hole)

OPHTHALMOLOGY

Alfawaz AM, Holland GN, Yu F, Margolis MS, Giaconci JA, Aldave AJ. **Corneal endothelium in patients with anterior uveitis.** Ophthalmology. 2016 Aug;123(8):1637-45 (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Cornea; Uveitis

Bhisitkul RB, Desai SJ, Boyer DS, Sadda SR, Zhang K. **Fellow eye comparisons for 7-year outcomes in ranibizumab-treated AMD subjects from anchor, marina, and horizon (seven-up study).** Ophthalmology. 2016 Jun;123(6):1269-1277 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): AMD; Retina/Retinal Diseases

Hao R, Suh SY, Le A, Demer JL. **Rectus extraocular muscle size and pulley location in concomitant and pattern exotropia.** Ophthalmology. 2016 Sep;123(9):2004-12. (Univ. of California, Los Angeles - Unres. Grant) Keyword(s): Neuro-ophthalmology; Strabismus/Amblyopia/Eye Movement Disorders

MacLaren RE, Bennett J, Schwartz SD. **Gene therapy and stem cell transplantation in retina disease: The new frontier.** Ophthalmology. 2016 Oct;123(10S):S98-S106 (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Gene Research/Therapy; Retina/Retinal Diseases; Stem Cell Research/Therapy

Suh SY, Le A, Clark RA, Demer JL. **Rectus pulley displacements without abnormal oblique contractility explain strabismus in superior oblique palsy.** Ophthalmology. 2016 Jun;123(6):1222-31 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Neuro-Ophthalmology; Strabismus/Amblyopia/Eye Movement Disorders

OTHER PROFESSIONAL PUBLICATIONS—UNITED STATES

Bui T, Young J, Frausto RF, Markell TC, Aldave AJ. **Hereditary benign intraepithelial dyskeratosis: Report of a case and re-examination of the evidence for locus heterogeneity.** *Ophthalmic Genet.* 2016;37(1):76-80 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Cornea; Gene Research

Chan E, Le Q, Codriansky A, Hong J, Xu J, Deng SX. **Existence of Normal Limbal Epithelium in Eyes with Clinical Signs of Total Limbal Stem Cell Deficiency.** *Cornea* 2016 35(11):1483-7. (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Cornea; Imaging

Chang MY, McCannel CA, McCannel TA. **Untreated iris melanoma complicated by hyphema and uncontrolled glaucoma responsive to iodine-125 brachytherapy.** *Retin Cases Brief Rep.* 2016 Winter;10(1):44-7 (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Other (Iris Melanoma)

Chang MY, Yulek F, Pineles SL, Velez FG. **Surgery for superior oblique tendon anteriorization and entrapment following scleral buckle.** *J AAPOS.* 2016 Apr;20(2):165.e1-2. (Univ. of California, Los Angeles - Walt and Lilly Disney Awd) Keyword(s): Neuro-Ophthalmology; Strabismus/Amblyopia/Eye Movement Disorders

Chang MY, Pineles SL. **Optic disk drusen in children.** *Surv Ophthalmol.* 2016 Mar 29 (Univ. of California, Los Angeles - Walt and Lilly Disney Awd) Keyword(s): Neuro-Ophthalmology; Strabismus/Amblyopia/Eye Movement Disorders

Cho A, Ratliff CP, Sampath AP, Weiland J. **Changes in ganglion cell physiology during retinal degeneration influence excitability by prosthetic electrodes.** *J Neural Eng.* 2016 Apr;13(2):025001 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Retinitis Pigmentosa; Low Vision; Retina/Retinal Diseases

Clark RA, Demer JL. **Functional morphometry demonstrates extraocular muscle compartmental contraction during vertical gaze changes.** *J Neurophysiol.* 2016 Jan 1;115(1):370-378 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Neuro-Ophthalmology; Strabismus/Amblyopia/Eye Movement Disorders

Frausto RF, Le DJ, Aldave AJ. **Transcriptomic analysis of cultured corneal endothelial cells as a validation for their use in cell replacement therapy.** *Cell Transplant.* 2016;25(6):1159-76 (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Cornea; Gene Research.

Fritsche LG, Igl W, Bailey JN, Grassmann F, Sengupta S, Bragg-Gresham JL, Burdon KP, Hebring SJ, Wen C, Gorski M, Kim IK, Cho D, Zack D, Souied E, Scholl HP, Bala E, Lee KE, Hunter DJ, Sardell RJ, Mitchell P, Merriam JE, Cipriani V, Hoffman JD, Schick T, Lechanteur YT, Guymer RH, Johnson MP, Jiang Y, Stanton CM, Buitendijk GH, Zhan X, Kwong AM, Boleda A, Brooks M, Gieser L, Ratnapriya R, Branham KE, Foerster JR, Heckenlively JR, Othman MI, Vote BJ, Liang HH, Souzeau E, McAllister IL, Isaacs T, Hall J, Lake S, Mackey DA, Constable IJ, Craig JE, Kitchner TE, Yang Z, Su Z, Luo H, Chen D, Ouyang H, Flagg K, Lin D, Mao G, Ferreyra H, Stark K, von Strachwitz CN, Wolf A, Brandl C, Rudolph G, Olden M, Morrison MA, Morgan DJ, Schu M, Ahn J, Silvestri G, Tsironi EE, Park KH, Farrer LA, Orlin A, Brucker A, Li M, Curcio CA, Mohand-Saïd S, Sahel JA, Audo I, Benchaboune M, Cree AJ, Rennie CA, Goverdhan SV, Grunin M, Hagbi-Levi S, Campochiaro P, Katsanis N, Holz FG, Blond F, Blanché H, Deleuze JF, Igo RP Jr, Truitt B, Peachey NS, Meuer SM, Myers CE, Moore EL, Klein R, Hauser MA, Postel EA, Courtenay MD, Schwartz SG, Kovach JL, Scott WK, Liew G, Tan AG, Gopinath B, Merriam JC, Smith RT, Khan JC, Shahid H, Moore AT, McGrath JA, Laux R, Brantley MA Jr, Agarwal A, Ersoy L, Caramoy A, Langmann T, Saksens NT, de Jong EK, Hoyng CB, Cain MS, Richardson AJ, Martin TM, Blangero J, Weeks DE, Dhillon B, van Duijn CM, Doheny KF, Romm J, Klaver CC, Hayward C, Gorin MB, Klein ML, Baird PN, den Hollander AI, Fauser S, Yates JR, Allikmets R, Wang JJ, Schaumberg DA, Klein BE, Hagstrom SA, Chowers I, Lotery AJ, Léveillard T, Zhang K, Brilliant MH, Hewitt AW, Swaroop A, Chew EY, Pericak-Vance MA, DeAngelis M, Stambolian D, Haines JL, Iyengar SK, Weber BH, Abecasis GR, Heid IM. **A large genome-wide association study of age-related macular degeneration highlights contributions of rare and common**

variants. Nat Genet. 2016 Feb;48(2):134-43. (Univ. of California, Los Angeles – Unres. Grant) RPB support has been inadvertently omitted by grantee institution. Keyword(s): AMD; Gene Research/Therapy

Gonzalez, JM Jr, Ammar MJ, Ko MK, Tan JC. **Optimizing two-photon multiple fluorophore imaging of the human trabecular meshwork.** Mol Vis 2016 Mar;22:203-212 (Univ. of California, Los Angeles - Unres. Grant) Keyword(s): Imaging

González S, Mei H, Nakatsu M, Baclagon ER, Deng SX. **A 3D culture system enhances the ability of human bone marrow stromal cells to support the growth of limbal stem/progenitor cells.** Stem Cell Res. 2016 Mar;16(2):358-364 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Cornea; Other (Limbus); Stem Cell Research/Therapy

Hamon A.G., Roger, J.E., Yang X.-J., Perron M. (2016) **Muller glial cell-dependent regeneration of the neural retina: An overview across vertebrate model systems.** Dev. Dyn. 2016 Jul;245(7):727-38 (Univ. of California, Los Angeles - Unres. Grant) Keyword(s): Retina/Retinal Diseases

Huang AS, Mohindroo C, Weinreb RN. **Aqueous humor outflow structure and function imaging at the bench and bedside: A review.** J Clin Exp Ophthalmol. 2016 7(4) (Univ. of California, Los Angeles - Career Development Award and Unres. Grant) Keyword(s): Glaucoma, Imaging

Kim JA, Velez FG, Pineles SL. **Strabismus surgery in patients with ocular neuromyotonia: Potential unmasking of the condition and effective management tool.** J Neuroophthalmol. 2016 Sep;36(3):259-63. (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Neuro-Ophthalmology; Strabismus/Amblyopia/Eye Movement Disorders

La Morgia C, Ross-Cisneros FN, Koronyo Y, Hannibal J, Gallassi R, Cantalupo G, Sambati L, Pan BX, Tozer KR, Barboni P, Provini F, Avanzini P, Carbonelli M, Pelosi A, Chui H, Liguori R, Baruzzi A, Koronyo-Hamaoui M, Sadun AA, Carelli V. **Melanopsin retinal ganglion cell loss in Alzheimer disease.** Ann Neurol. 2016 Jan;79(1):90-109 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Neuro-Ophthalmology; Optic Neuropathy

Le DJ, Chung DW, Frausto RF, Kim MJ, Aldave AJ. **Identification of potentially pathogenic variants in the posterior polymorphous corneal dystrophy 1 locus.** PLoS One. 2016 Jun 29;11(6):e0158467 (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Cornea; Gene Research.

Le Q, Yang Y, Deng SX, Xu J. **Correlation between the existence of the palisades of Vogt and limbal epithelial thickness in limbal stem cell deficiency.** Clin Exp Ophthalmol. 2016 (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Cornea; Imaging

Lin BR, Le DJ, Chen Y, Wang Q, Chung DD, Frausto RF, Croasdale C, Yee RW, Hejtmancik FJ, Aldave AJ. **Whole exome sequencing and segregation analysis confirms that a mutation in COL17A1 is the cause of epithelial recurrent erosion dystrophy in a large dominant pedigree previously mapped to chromosome 10q23-q24.** PLoS One. 2016 Jun 16;11(6):e0157418 (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Cornea; Gene Research.

Lin BR, Frausto RF, Vo RC, Chiu SY, Chen JL, Aldave AJ. **Identification of the first de novo UBIAD1 gene mutation associated with schnyder corneal dystrophy.** J Ophthalmol. 2016;2016:1968493 (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Cornea; Gene Research.

Matynia A, Nguyen E, Sun X, Blixt FW, Parikh S, Kessler J, Pérez de Sevilla Müller L, Habib S, Kim P, Wang ZZ, Rodriguez A, Charles A, Nusinowitz S, Edvinsson L, Barnes S, Brecha NC, Gorin MB. **Peripheral sensory neurons expressing melanopsin respond to light.** Front Neural Circuits. 2016 Aug 10(10):60 (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Neuro-Ophthalmology; Other (Ocular Pain; Photophobia)

Miraftabi A, Amini N, Gornbein J, Henry S, Romero P, Coleman AL, Caprioli J, Nouri-Mahdavi K. **Local Variability of Macular Thickness Measurements With SD-OCT and Influencing Factors.** *Transl Vis Sci Technol.* 2016 Jul 19;5(4):5 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Glaucoma; Imaging

Nagiel A, Lalane RA, Sadda SR, Schwartz SD. **Ultra-widefield fundus imaging: A review of clinical applications and future trends.** *Retina.* 2016 Apr;36(4):660-678 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Imaging; Retina/Retinal Diseases

Nagiel A, Rootman DB, McCannel TA. **Paraneoplastic vitelliform maculopathy in the setting of choroidal melanoma: Evolution over one year.** *Retina Cases Brief Rep.* 2016 Aug 16 (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Other (Choroidal Melanoma)

Pineles SL. **Fixation switch diplopia.** *J Neuroophthalmol.* 2016 Jun;36(2):118-9. (Univ. of California, Los Angeles - Walt and Lilly Disney Awd) Keyword(s): Neuro-Ophthalmology; Strabismus/Amblyopia/Eye Movement Disorders

Piri N, Kwong JM, Gu L, Caprioli J. **Heat shock proteins in the retina: focus on HSP70 and alpha crystallins in ganglion cell survival.** *Prog Retin Eye Res.* 2016 May;52:22-46 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Glaucoma

Rahimy E, McCannel CA. **Impact of internal limiting membrane peeling on macular hole reopening: A systematic review and meta-analysis.** *Retina.* 2016 Apr;36(4):679-687 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Other (Macular Hole)

Richter GM, Zhang X, Tan O, Francis BA, Chopra V, Greenfield DS, Varma R, Schuman JS, Huang D, Advanced Imaging for Glaucoma Study Group. **Regression analysis of optical coherence tomography disc variables for glaucoma diagnosis.** *J Glaucoma.* 2016 Aug;25(8):634-642 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Glaucoma; Imaging; Optic Neuropathy

Saraswathy S, Tan JC, Yu F, Francis BA, Hinton DR, Weinreb RN, Huang AS. **Aqueous angiography: Real-time and physiologic aqueous humor outflow imaging.** *PLoS One.* 2016 Jan 25;11(1):e0147176 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Glaucoma; Imaging

Song BJ, Ramanathan M, Morales E, Law SK, Giaconci JA, Coleman AL, Caprioli J. **Trabeculectomy and combined phacoemulsification-trabeculectomy: Outcomes and risk factors for failure in primary angle closure glaucoma.** *J Glaucoma.* 2016 Sep;25(9):763-9. (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Glaucoma

Strom SP, Clark MJ, Martinez A, Garcia S, Abelazeem AA, Matynia A, Parikh S, Sullivan LS, Bowne SJ, Daiger SP, Gorin MB. **De novo occurrence of a variant in ARL3 and apparent autosomal dominant transmission of retinitis pigmentosa.** *PLoS One.* 2016 Mar 10;11(3):e0150944. (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Gene Research/Therapy; Retinitis Pigmentosa

Tan JCH, Francis BA, Noecker R, Uram M, Dustin L, Chopra V. **Endoscopic cyclophotocoagulation and pars plana ablation (ECP-plus) to treat refractory glaucoma.** *J Glaucoma.* 2016 Mar;25(3):e117-122 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Glaucoma; Other (Endoscopic Cyclophotocoagulation)

Vanarotti MS, Finkelstein DB, Guibao CD, Nourse A, Miller DJ, Zheng JJ. **Structural basis for the interaction between Pyk2-FAT domain and leupaxin LD repeats.** *Biochemistry.* 2016 Mar 8;55(9): 1332-1345 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): AMD; Oncology; Retinal Vein

Young A, Dandekar U, Pan C, Sader A, Zheng JJ, Lewis RA, Farber DB. **GNAI3: Another candidate gene to screen in persons with ocular albinism.** *PLoS One* 2016 Sep 8;11(9):e0162273 (Univ. of California, Los Angeles) Keyword(s): Other (Ocular Albinism); Strabismus/Amblyopia/Eye Movement Disorders/Nystagmus

Yulek F, Demer JL. **Isolated Schwannoma involving extraocular muscles.** J AAPOS. 2016 Aug;20(4):343-7. (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Neuro-Ophthalmology; Strabismus/Amblyopia/Eye Movement Disorders

Zhang X, Francis BA, Dastiridou A, Chopra V, Tan O, Varma R, Greenfield DS, Schuman JS, Huang D, Advanced Imaging for Glaucoma Study Group. **Longitudinal and cross-sectional analyses of age effects on retinal nerve fiber layer and ganglion cell complex thickness by Fourier-domain OCT.** Transl Vis Sci Technol. 2016 Mar;5(2):1 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Glaucoma; Imaging

OTHER PROFESSIONAL PUBLICATIONS—FOREIGN

Bao J, Marathe B, Govorkova EA, Zheng JJ. **Drug repurposing identifies inhibitors of oseltamivir-resistant influenza viruses.** Angew Chem Int Ed. 2016 Mar 1;55(10):3438-3441 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Cornea; Dry Eye

Carelli V, d'Adamo P, Valentino ML, La Morgia C, Ross-Cisneros FN, Caporali L, Maresca A, Loguercio Polosa P, Barboni P, De Negri A, Sadun F, Karanjia R, Salomao SR, Berezovsky A, Chicani F, Moraes M, Moraes Filho M, Belfort R, Jr., Sadun AA. **Parsing the differences in affected with LHON: Genetic versus environmental triggers of disease conversion.** Brain. 2016 Mar;139(Pt 3):e17 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Epidemiology; Gene Research/Therapy; Optic Neuropathy

Chang MY, McBeath JB, McCannel CA, McCannel TA. **'Shadow sign' in congenital hypertrophy of the retinal pigment epithelium of young myopic pigmented patients.** Eye (Lond). 2016 Jan;30(1):160-163 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Other (Congenital Hypertrophy; Melanoma)

Gonzalez JM, Ko MK, Pouw A, Tan JCH. **Tissue-based multiphoton analysis of actomyosin and structural responses in human trabecular meshwork.** Sci Rep. 2016;6:21315 (Univ. of California, Los Angeles — Unres. Grant) Keyword(s): Glaucoma; Imaging

Govetto A, Sarraf D, Figueroa MS, Pierro L, Ippolito M, Risser G, Bandello F, Hubschman JP. **Choroidal thickness in non-neovascular versus neovascular age-related macular degeneration: A fellow eye comparative study.** Br J Ophthalmol. 2016 Sep 1. pii: bjophthalmol-2016-309281. (Univ. of California, Los Angeles – Unres. Grant) Keyword(s): Imaging; Other (Choroid; Macula)

Gupta K, McCannel CA, Kamrava M, Lamb J, Almanzor RD, McCannel TA. **Tumor-height regression rate after brachytherapy between choroidal melanoma gene expression profile classes: Effect of controlling for tumor height.** Graefes Arch Clin Exp Ophthalmol. 2016 Jul;254(7):1371-1378 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Other (Biopsy)

Ko MK, Kim EK, Gonzalez JM Jr, Tan JCH. **Dose- and time-dependent effects of actomyosin inhibition on live mouse outflow resistance and aqueous drainage tissues.** Sci Rep. 2016;6:21492 (Univ. of California, Los Angeles—Unres. Grant) Keyword(s): Glaucoma; Imaging