

Assignment	Board Number	Last Name	First Name	Presenter's Institution	Author Block	Title
Poster Session III	11	Abu	Sampson	University of Alabama at Birmingham	Sampson Listowell Abu, Iván Marín-Franch, Lyne Racette	Early detection of glaucoma progression by individual and combination of structural and functions indices
Poster Session II	28	Allen	Rachael	Atlanta VA Medical Center		While the high dose STZ rodent model has become the gold standard in modeling Type I diabetes, having been cited in over 8,000 journal articles, many models of Type II diabetes (T2D) have the potential to model clinical symptoms and complications
Poster Session II	20	Amthor	Franklin	University of Alabama at Birmingham	Strang CE and Amthor FR	The retina as a model of neurological dysfunction and therapeutic intervention
Poster Session III	21	Anderson	David	Vanderbilt University	David M.G. Anderson1, Jeffrey D. Messinger2, Nathan Heath Patterson1, Jeffrey M. Spraggins1, Christine A. Curcio2, Richard M. Caprioli1 and Kevin L. Schey1	High Resolution Imaging Mass Spectrometry of Aged Human Retinas: Molecular Anatomy of Age-Related Macular Degeneration (AMD)
Poster Session II	24	Bhattacharya	Sujoy	Vanderbilt University Medical Center	Sujoy Bhattacharya, Jinggang Yin, Christina Winborn, Quihua Zhang, Junming Yue, Edward Chaum	Prominin-1 Is a Novel Regulator of Autophagy in the Human Retinal Pigment Epithelium
Poster Session II	27	Boatright	Jeffrey	Emory University School of Medicine		Exercise-induce retinal neuroprotection: Effect on inflammatory response?
Poster Session I	25	Boazak	Elizabeth	The Georgia Institute of Technology	Elizabeth M. Boazak , Joseph M. Sherwood, Andrew J. Feola, Cassandra Chu, Rebecca King, Eldon Geisert, Darryl R. Overby, and C. Ross Ethier	Measurement of Ocular Compliance in Mice (1); a€™(1) The Georgia Institute of Technology, Atlanta, GA, (2) Imperial College London, London, United Kingdom, (3) Atlanta VA Medical Center, Atlanta, GA, (4) Emory University, Atlanta, GA Introduction: Glaucoma is the leading cause of irreversible blindness worldwide.
Poster Session II	16	Boulton	Mike	University of Alabama	Juliana Godoy, Xiaoping Qi, Skyler Boehm, Sayak Mitter, Juliete A F Silva, Carolina Francelin, Maria Grant, and Michael Boulton	Spatial and Temporal Recruitment of Systemically Administered RPE65-Programmed Bone Marrow-Derived Cells to the Retina in a Mouse Model of AMD
Poster Session II	30	Carter	Jessica	Georgia State University	Jessica J. Carter, Jay J. Oh, Lauren-Ashley Duncan, Shauntelle N. Byfield, and Richard D. Dix	Pyroptosis, Inflammasomes, and the Pathogenesis of Experimental Murine Cytomegalovirus (MCMV) Retinitis during Retrovirus-induced Immunosuppression (MAIDS)
Poster Session II	6	Chang	Kevin	University of Alabama at Birmingham	Chang, K.Q., Strang, C.E., & Gamlin, P.D.	Neurochemical Anatomy of the Suprachiasmatic Nucleus and Intergeniculate Leaflet in Rhesus Macaque
Poster Session II	26	Chaum	Edward	Vanderbilt Eye Institute		Novel Microfabricated Glass Arrays for the Treatment of Corneal Abrasions and Recurrent Corneal Erosions
Poster Session I	26	Cheng	Annie	Emory Univerisity	A. Cheng, D.B. Walther, S. Park, D.D. Dilks	What is a scene? Concavity as an intrinsic property of a scene
Poster Session III	14	Chesler	Kyle	Georgia Institute of Technology	Kyle Chesler, Cara Motz, Jieming Fu, Rachael Allen, Machele	Low-dose L-DOPA treatment is protective for retinal neuronal and vascular function
Poster Session II	25	Chrenek	Micah	Emory University	Micah A Chrenek, Jana T Sellers, Preston E Girardot, Sarah W Gooding, Wenfei Wu, Porfirio Nava, John M Nickerson, Jeffrey H Boatright	Microglia activation in the RHO-tvrm4 model of photoreceptor degeneration
Poster Session I	3	Cooper	Melissa	Vanderbilt University	M. L. Cooper, W. S. Lambert, S. Pasini, and D. J. Calkins	Energy Transfer between Normal and Glaucomatous Optic Projections in Mice
Poster Session I	29	Curcio	Christine	University of Alabama at Birmingham	Christine A. Curcio, PhD; Miaoling Li, MD, PhD; Rosa Dolz-Marco, MD, PhD; Carrie Huisingh, MSPH; Jeffrey D. Messinger, DC; Richard M. Feist, MD; Daniela Ferrara, MD, PhD; K. Bailey Freund, MD	Histologic correlates of optical coherence tomography signatures in geographic atrophy secondary to age-related macular degeneration
Poster Session III	12	Cyril	Nyankerh	University of Alabama at Birmingham	Cyril N.A. Nyankerh, Sampson L. Abu, Lyne Racette	Racial differences in structural and functional detection of glaucoma progression
Poster Session III	5	D'Alessandro	Karis	Vanderbilt Eye Institute	K. B. D'Alessandro, M. L. Cooper, W. S. Lambert, and D. J. Calkins	Staggered IOP elevation impacts energy reserves and RGC function
Poster Session I	4	Dattilo	Michael	Emory University	Michael Dattilo, Brian C. Samuels, C. Ross Ethier	Characterization of Changes in Tree Shrew Spontaneous Retinal Venous Pulsations Due to Changes in the Translaminar Pressure Difference: Toward an Animal Model to Study Human Spontaneous Retinal Venous Pulsations
Poster Session III	16	DeCarlo	Dawn	University of Alabama at Birmingham	Dawn DeCarlo, Elizabeth Forte, Gerald McGwin, Clancy Blair	Relationship between reading ability and executive function in young children with vision impairment
Poster Session II	10	Dreer	Laura	University of Alabama at Birmingham	Laura E. Dreer, Ph.D., Alexandra McBrayer, MPH, Molly K. Cox, M.S., Lisa Campbell, Ph.D., Liyan Gao, Ph.D., MPH, & Christopher A. Girkin, M.D., MSPH	A Multifaceted Examination of Clinical, Psychosocial, and Cultural Determinants and Glaucoma Medication Adherence Among African Americans Patients: Implications for Glaucoma Health Promotion Efforts
Poster Session III	6	Dreer	Laura	University of Alabama at Birmingham	Laura E. Dreer, Ph.D., Christina Pierpaoli Parker, MA, Alexandra McBrayer, MS., Brian Samuels, M.D./Ph.D., Molly Cox, M.S., Douglas Witherspoon, M.D., Gary Hunter, Ph.D., David R. Bryan, M.A., Olivio Clay, Ph.D., Laura Vogtle, OT, Ph.D., Richard Feist, M.D., Lindsay Rhodes, M.D., & Laura Rogers, M.D	Obesity and Social Determinants Among People with Eye Diseases: Implications for the Development of an Adaptive Weight Management Program
Poster Session II	7	DuPont	Mariana	University of Alabama at Birmingham	Mariana D. DuPont, Ana Leda F Longhini, Maria Grant	Type 2 diabetic individuals with retinopathy exhibit an imbalance of peripheral blood derived-inflammatory cells vs. vascular reparative cells

Poster Session III	2	El Hamdaoui	Mustapha	The University of Alabama at Birmingham	Mustapha El Hamdaoui, Mokshad Gaonkar, Christopher Girkin, Brian Samuels, Rafael Grytz	Effect of scleral crosslinking using genipin on normal eye development in tree shrews
Poster Session I	12	Fazio	Massimo	The University of Alabama at Birmingham		
Poster Session I	9	Fischer	Rachel	Vanderbilt University	Rachel A. Fischer, Michael L. Risner, Abigail L. Roux, Rebecca M. Sappington	Electrophysiological impairment and K+ dyshomeostasis in retinal ganglion cell axonopathy
Poster Session II	29	Giblin	Meredith	Vanderbilt University		Basement membrane (BM) thickening is one of the earliest structural abnormalities observed in diabetic retinopathy (DR)
Poster Session I	24	Goyal	Varunika	Morehouse School of Medicine	Varunika Goyal, Kenkichi Baba, Gianluca Tosini	Dopamine 2 receptor (D2R) signaling modulates the daily rhythm of phagocytosis in the mouse RPE.
Poster Session I	20	Grytz	Rafael	University of Alabama at Birmingham	Rafael Grytz, Mustapha El Hamdaoui, Mokshad Gaonkar, Christopher Girkin, Brian Samuels	Scleral Crosslinking Using Genipin Slows Experimental Progressive Myopia in Tree Shrews
Poster Session III	22	Gurecich	Vsevolod	Vanderbilt University	Vsevolod V. Gurevich, Ned Van Eps, Sergey A. Vishnivetskiy, Nicole A. Perry, Eric H. Xu, Wayne L. Hubbell	Conformational flexibility of the arrestin-rhodopsin complex
Poster Session III	10	Hamm	Jessica	Emory University	Jessica M Hamm, Polina L Lyuboslavsky, Shuo Zhang, Micah A Chrenek, P Michael Iuvone	Visual defects in mice lacking circadian rhythm function in cone photoreceptors
Poster Session I	28	He	Li	University of Alabama at Birmingham	Li He, Feng Zhang, Qu Jing, Shuyan Liu, Zijing Zhou, Yi Zhu, Yong Zhou	Microglia is a Major Cellular Source of TGF-β2 in the Optic Nerve Head
Poster Session II	22	Iuvone	P. Michael	Emory University	P. Michael Iuvone, Shuo Zhang, Polina N. Lyuboslavsky, Jana T. Sellers, Jendayi A. Dixon, Micah A. Chrenek	Role of cone photoreceptor connexin-36 in the circadian regulation of the photopic ERG
Poster Session I	21	Jamal	Yaseen	Emory University	Y.A. Jamal, D. Dilks	Rapid reorganization in the adult human primary visual cortex following non-invasive and reversible visual cortical deprivation in healthy subjects
Poster Session I	5	Jasien	Jessica	University of Alabama at Birmingham	Jessica V. Jasien, Brian C. Samuels, James M. Johnston, J. Crawford Downs	Intraocular Pressure and Intracranial Pressure Measurement with Continuous Wireless Telemetry to Quantify Translaminar Pressure Difference in Nonhuman Primates
Poster Session I	19	Kamps	Frederik	Emory University	Frederik S. Kamps, Cassandra L. Hendrix, Patricia A. Brennan, and Daniel D. Dilks	Connectivity at the origins of domain specificity: the case of the cortical face network
Poster Session II	8	Kar	Deepayan	University of Alabama at Birmingham	Deepayan Kar, Ramya R. Singireddy, Kenneth R. Sloan, Jeff W. Lichtman, Dennis M. Dacey, Christine A. Curcio	Connectomic relationships of foveal Müller cells explored via 3-dimensional volume reconstruction using serial-section electron microscopy
Poster Session III	20	Kotnala	Ankita	Vanderbilt University	Ankita Kotnala, David M.G. Anderson,N. Heath Patterson, Jeffery D. Messinger, Christine A. Curcio and Kevin L. Schey	A study of sample preparation techniques for fixed vs freshly frozen human retina tissues using MALDI imaging and LC-MS technologies
Poster Session I	23	Kraft	Timothy	University of Alabama at Birmingham	Kraft, TW; Haley, E; DeRamus, ML; DeSouza, FGO; Naylor, NA; Eddington, JM; Paul, J; McMahon LL; and K. Gamble	The retina: a window to the function and dysfunction of the brain
Poster Session III	25	Lambert	Wendi	Vanderbilt Univ Med Center	Lambert WS, Carlson BJ, Ghose P, and Calkins DJ.	Non-Human Primate Microbead Model Of Glaucoma
Poster Session III	1	Leung	Amanda	Vanderbilt University	Amanda M Leung, Mahesh B Rao, and Edward M Levine	Notch-independent progenitor maintenance reveals a novel pre-neurogenic state in mouse RPCs
Poster Session II	9	Li Calzi	Sergio	University of Alabama at Birmingham	Sergio Li Calzi, Shaw,LC, Shelley,WC, Qi, X, Quigley,JL, Moldovan,L, Fortmann,S, Boulton,ME, Yoder,MC, Maria B Grant	Progenitor cell combination enhances pericyte ensheathment in the oxygen-induced retinopathy (OIR) model
Poster Session III	8	Nickerson	John	Emory Eye Center	Kristie Liao, Wenfei Wu, Isabelle Gefke, Jeffery H. Boatright, Hans E. Grossniklaus, John M. Nickerson	Age-related retinal and RPE changes in C57BL/6J mice
Poster Session I	18	Liu	Shuyan	University of Alabama at Birmingham	Shuyan Liu, Jing Qu, Li He, Yi Zhu, Yong Zhou	High-Magnitude and High Frequency Mechanical Strain Promotes Expression of Lysyl Oxidase Like-3 Crosslinking Enzyme by Human Scleral Fibroblasts
Poster Session II	12	Liu	Rong	University of Alabama at Birmingham	Rong Liu and MiYoung Kwon	Increased equivalent noise may explain a loss of foveal contrast sensitivity in glaucoma
Poster Session I	16	Longhini	Ana Leda	University of Alabama at Birmingham	Ana Leda F Longhini, Jeff Thinschmidt, Michael E Boulton, Michael King, Maria B Grant	Loss of Hypothalamic Somatostatin (SST) contributes to bone marrow (BM) dysfunction and diabetic retinopathy (DR) in type 2 diabetic rats
Poster Session I	30	Markand	Shanu	Emory University	Shanu Markand, Kristie Liao, Salma Ferdous, Kevin Donaldson, Jeffrey H. Boatright, John M. Nickerson	Myopia and retinal degeneration in older IRBP KO mice

Poster Session I	6	Markert	John	University of Alabama at Birmingham	John E. Markert, Daniel C. Turner, Jessica V. Jasien, Brian C. Samuels, J. Crawford Downs	Controlled Ocular Microvolumetric Injections to Assess Ocular Coat Mechanical Behavior and Aqueous Outflow Facility
Poster Session III	4	McGrady	Nolan	Vanderbilt University Medical Center	McGrady NR, Risner ML, Calkins DJ	Absence of TRPV1 increases optic nerve sensitivity
Poster Session III	13	Mendel	Thomas	Vanderbilt Eye Institute	Thomas Mendel, MD PhD, Xiaoke Feng, MS, Qingxia Chen, PhD, Karen Joos, MD PhD, Jeffrey Kammer, MD, Rachel Kuchtey, MD PhD, Gowtham Jonna, MD, Edward Cherney, MD, Stephen Kim, MD	Prospective Retinal and Optic Nerve Vitrectomy Evaluation (PROVE) Study: Five-Year Findings
Poster Session I	22	Messinger	Jeffrey	University of Alabama at Birmingham	Messinger, Jeffrey D.; Klmbale, James; Blake, Alan; Freund, K Bailey; Smith, Theodore; Ach, Thomas; Curcio, Christine A	Optimized human ocular tissue recovery and ex vivo multimodal imaging (MMI) for research in age-related macular degeneration (AMD)
Poster Session I	15	Naguib	Sarah	Vanderbilt University	Sarah Naguib, Alexandra Bernardo-Colon, Caroline Cencer, and Tonia S. Rex	Galantamine Preserves Vision and Neuronal Structure in a Model of Indirect Traumatic Optic Neuropathy
Poster Session III	18	Nickerson	John	Emory University	John M. Nickerson, Kevin E. Donaldson, Wen-Fei Wu, Shanu Markand, Salma Ferdous, Jennifer Rha, Kristie L. Liao, Isabelle Gefke, Somin Kim, Hans E. Grossniklaus, Yi Jiang, Jun Kong, Jeffrey H. Boatright	The RPE and Recovery of the Blood Retina Barrier
Poster Session III	27	Palmer	Samuel	Vanderbilt Eye Institute	Samuel A. Palmer, Kenneth S. Lau PhD, Dolly Ann Padovani-Claudio MD, PhD. Dolly Ann Padovani-Claudio, MD, Ph.D.	Hypoxia may trigger artefactual transcripts during tissue processing for single cell RNA sequencing: implications for the study of hypoxia driven disorders
Poster Session I	2	Pasini	Silvia	Vanderbilt University Medical Center	Pasini S, Risner ML, Cooper ML, Lambert WS, Calkins DJ	A novel non-apoptotic function for the protein Bax in RGC axon degeneration and dendritic pruning in a mouse model of ocular hypertension
Poster Session II	11	Pierpaoli Parker	Christina	University of Alabama	Christina Pierpaoli Parker, MA, Molly K. Cox, MS,Cynthia Owsley, PhD, MSPH, Jennifer Elgin, OTR/L, Alexandra McBrayer, MPH, & Laura E. Dreer, PhD	Family Caregiver Challenges Following a Driving Assessment Clinic Recommendation to Cease Driving: Implications for Ongoing Support
Poster Session II	13	Prasad	Ram	University of Alabama at Birmingham	Ram Prasad, Yaqian Duan, Maria B. Grant	Loss of ACE2 aggravates vascular permeability to facilitate circulation of gut microbiome into the blood and promote diabetic retinopathy
Poster Session III	7	Preston	Girardot	Emory University		Yohimbine alternative atipamezole (Antisedan) does not result in greater incidence of corneal opacities when used to reverse anesthesia induced by Ketamine/Xylazine treatment Atipamezole (Antisedan)has been shown to be the most effective means of reversing sedation induced by ketamine/xylazine cocktail (KX) commonly used
Poster Session I	10	Qi	Xiaoping	University of Alabama at Birmingham		β-site amyloid precursor protein cleaving enzyme (β-secretase or BACE1) is strongly implicated in amyloid deposition associate with Alzheimer's disease (AD)
Poster Session I	17	Qu	Jing	University of Alabama at Birmingham	Jing Qu, Lanyan Zhu, Feng Zhang, Christopher A. Girkin, J. Crawford Downs, Yong Zhou	Matrix Gla Protein Negatively Regulates Expression of Lysyl Oxidase-Like 2 Crosslinking Enzyme in Human Peripapillary Scleral Fibroblasts
Poster Session II	2	Rha	Jennifer	Emory University		Retinoblastoma (RB) is the most common intraocular tumor in children, and RB heterogeneity poses a challenge to therapy.
Poster Session I	1	Risner	Michael	Vanderbilt Eye Institute Vanderbilt University Medical Center	Risner ML, McGrady NR, Cooper ML, Calkins DJ	Nav1.6-mediates enhanced retinal ganglion cell axon excitability during the early stages of modeled glaucoma
Poster Session III	19	Romell	Gletten	Vanderbilt University	Romell B. Gletten, Zhen Wang, Jessy Kong, Rosica Petrova, Paul J. Donaldson, Kevin L. Schey	Proteomic characterization of aquaporin-5 protein-protein interactions and phosphorylation in the ocular lens
Poster Session I	27	Roux	Abigail	Vanderbilt University	Abigail L. Roux, Rachel A. Fischer, Rebecca M. Sappington PhD	Impact of glaucoma-related stressors on Müller glial physiology and function
Poster Session I	11	Rovarotto	Carolina	University of Alabama at Birmingham	Carolina Rovarotto, Sayak Mitter, Sandeep K Barodia, Xiaoping Qi, Skyler Boehm, Juliana A de Godoy, Juliete A da Silva, Maria B Grant, Matthew S. Goldberg and Michael E Boulton	BACE1 PLAYS A CRITICAL ROLE IN RETINAL PIGMENT EPITHELIAL CELL HOMEOSTASIS
Poster Session III	24	Samaranayake	Srimal	Vanderbilt University	Srimal Samaranayake, Sergey A. Vishnivetskiy, Kimberly C. Thibeault, Eugenia V. Gurevich, Vsevolod V. Gurevich	High Expression of Monomeric Arrestin-1 Causes Retinal Degeneration
Poster Session II	23	Sengupta	Saikat	Vanderbilt University Medical Center	Saikat Sengupta, David Smith, Alex K Smith, E.Brian Welch and Seth A Smith	Dynamic imaging of the eyes with golden angle radial MRI
Poster Session I	13	Silva	Juliete	University of Alabama at Birmingham	Juliete Silva, Juliana Godoy, Skyler Boehm, Sayak Mitter, Xiaoping Qi, Maria B Grant, Michael E. Boulton	The Effect of Donor and Recipient Age on the Recruitment of Systemically Administered RPE65-Programmed Bone Marrow-Derived Cells to the Retina and Visual Function Outcomes in a Mouse Model of AMD
Poster Session III	26	Sloan	Kenneth	University of Alabama at Birmingham	Kenneth Sloan, Tom Ach, Mark Clark, Cynthia Owsley, Christine Curcio	ImageJ Tools to Maximize Utility of Multimodal Imaging Data: Optical Coherence Tomography (OCT), Quantitative Autofluorescence (QAF), and Macular Pigment Optical Density (MPOD)
Poster Session III	3	Stalhammar	Gustav	Emory University	Maria Fäll, Eric Trocmé, Louise Bergman, Thonnie Rose O. See, Helder André, Katarina Bartuma, Leonard Girnita, Charlotta All-Eriksson, Stefan Seregard, and Gustav Stålhammar	Ruthenium-106 versus Iodine-125 plaque brachytherapy of 571 choroidal melanomas with a thickness of ≥5.5 mm
Poster Session II	1	Starr	Christopher	The University of Alabama at Birmingham	Christopher R. Starr, Marina S. Gorbatyuk	Deleting GADD34 Ameliorates Retinal Degeneration in a Mouse Model of LCA

Poster Session II	3	Strang	Christianne	University of Alabama at Birmingham	Strang CE and Amthor FR	The retina as a model of neurological dysfunction and therapeutic intervention
Poster Session II	4	Tellers	Philipp	University of Alabama at Birmingham	Philipp Tellers, Monica R. Holler, and Lawrence C. Sincich	Rapid Adaptation to cone-targeted stimuli during stochastically driven activity in macaque LGN neurons
Poster Session II	14	Uddin	MD Imam	Vanderbilt University School of Medicine	MD Imam Uddin, Tyler C. Kilburn, John S. Penn	In Vivo Molecular Imaging of Endoglin mRNA Using Gold-Nanobeacon Conjugates
Poster Session II	18	Umfress	Allison	Vanderbilt Eye Institute	Allison C. Umfress, M.D., Louise A. Mawn, M.D., Karen M. Joos, M.D., Ph.D.	Short- term Optic Disc Cupping Reversal in a Patient with Mild Juvenile Open-Angle Glaucoma Due to Early Idiopathic Intracranial Hypertension
Poster Session II	17	Vieira	Cristiano	University of Alabama at Birmingham at Birmingham	Cristiano P Vieira, Ana Leda Longhini, Maria B Grant	DMHCA as a target to prevent diabetic retinopathy
Poster Session III	23	Vishnivetskiy	Sergey	Vanderbilt University	Sergey A. Vishnivetskiy, Lori S. Sullivan, Sara J. Bowne, Stephen P. Daiger, Eugenia V. Gurevich, Vsevolod V. Gurevich	Molecular defects of the disease-causing human arrestin-1 C147F mutant
Poster Session II	21	Wang	Shu-Zhen	University of Alabama at Birmingham	Shu-Zhen Wang, Run-Tao Yan	Gradual expansion of RPE-like cells in chick Muller glial culture
Poster Session II	5	Warden	Cassandra	Vanderbilt University Medical Center	Cassandra Warden, Joshua Barnett, Milam A. Brantley, Jr.	Taurocholic acid protects against age-related macular degeneration in vitro
Poster Session I	8	Wareham	Lauren	Vanderbilt University Medical Center	Lauren K. Wareham, Franklin D. Echevarria, Cathryn R. Formichella, & Rebecca M. Sappington	Constitutive Interleukin-6 Influences Axon Structure and Transport in the Optic Projection
Poster Session I	14	Weiner	Rebecca	Vanderbilt University	Rebecca L. Weiner, William M. McLaughlin, Michael G. Dubner, Cathryn R. Formichella, and Rebecca M. Sappington	β-Chemokine Ccl5 deficiency preserves retinal ganglion cells in a murine model of optic neuropathy
Poster Session II	15	Whitener	Amy	Vanderbilt University Medical Center	Amy E. Whitener, Rachel W. Kuchtey and John Kuchtey	Investigation of ADAMTS10 in Retinal Development
Poster Session I	7	Wilson	Katherine	University of Alabama at Birmingham, School of Medicine	KI Wilson, P Godara, CA Girkin, BC Samuels, JC Downs	Intra-Subject Variability and Nychthemeral Rhythms of Ocular Perfusion Pressure (OPP) as Characterized by 24-hour Telemetry in Nonhuman Primates (NHPs)
Poster Session II	19	Wu	Wenfei	Emory University	Wenfei Wu; Kristie Liao; Isabelle Gefke; Jeffrey H. Boatright; John M. Nickerson	Novel in and ex vivo methods to reveal abnormal RPE morphology and microglial cell migration following light-induced retinal damage
Poster Session III	9	Wu	Hang-Jing	Vanderbilt Eye Institute	Hang-Jing Wu, Rachel W. Kuchtey and John Kuchtey	Reduced size of optic nerve and optic nerve axons in mice homozygous for a glaucoma-causing mutation in Adamts10
Poster Session III	17	Zhang	Yuhua	University of Alabama at Birmingham	Yuhua Zhang, Boyu Gu, Xiaolin Wang, Johnny Tam, Michael Twa, Srinivas Sadda, Christopher A. Girkin	In vivo characterization of erythrocyte flow dynamics in human retinal capillaries