

Day	Time	Name	1st Author	Institution	Title	Abstract - Posterboard #	Session Number	Session Location	Session Title
Saturday, May 2	8:00am - 5:30pm	Ruixue Liu, Xiaolin Wang, Andrew Hoover, Hong Jiang, Liang Liang, Jianhua Wang, Yuhua Zhang	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States	Precise Characterization of Fixational Microsaccade Transient Dynamics Using High-Speed Adaptive Optics Imaging		109	Mile High Foyer	Imaging Technology & Instrumentation
Saturday, May 2	8:00am - 5:30pm	Matthew Ellis, Ruixue Liu, Xiaolin Wang, Francesco Cutrale, Scott Fraser, Srinivas Satta, Yuhua Zhang	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States	Functional heterogeneity of retinal pigment epithelium cells revealed by adaptive optics fluorescence lifetime imaging in the living human eye		109	Mile High Foyer	Imaging Technology & Instrumentation
Saturday, May 2	8:00am - 5:30pm	Qi Wei, Andrew Ryan, Amad Qureshi, Pouya Kassaeiyan, Yidi Huang, Parag Chitnis, Ningshi Yao, Joseph L. Demer	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Ultrasound as a Functional Marker of Medical Rectus Contractility		109	Mile High Foyer	Imaging Technology & Instrumentation
Saturday, May 2	8:00am - 5:30pm	Theodore Spaide, Ashkan Eliasy, Ritesh Narula, Srinivas Satta, Niranchana Manivannan, Reena Chopra	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States	Comparison of Performance Response to Dataset Size for Different Foundation Models		106	Mile High Foyer	Artificial Intelligence & Deep Learning
Saturday, May 2	8:00am - 5:30pm	Anamika Patel, Hrishikesh Kaza, Dhwanee Agarwal, Anup Kelagaonkar, Avinash Pathengay, Adnan Tufail	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Zone 1 Optical coherence tomography features of active full thickness cytomegalovirus retinitis in Indian AIDS patients		539422	Mile High Foyer	Retinal Diseases & Degeneration
Sunday, May 3	8:00am - 9:45am	Giulia Corradetti, Riad Sankari, Aamir Abdul Aziz, Hannah Khan, Alberto Quarta, Ceren Soylu, Jianfeng Huang, Shinichiro Chjuo, Aditya Verma, Tyler Rahimzadeh, Alan Sheriff, Ashkan Abbey, David RP Almeida, Mark Barakat, Jordan M. Graff, Sara Haug, Veeral Sheth, Nishant Mohan, Arshad M. Khanani, Srinivas R. Satta	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States; Department of Ophthalmology & Visual Science, The University of Chicago, Chicago, Illinois, United States; School of Medicine, University of Nevada Reno, Reno, Nevada, United States; Sierra Eye Associates, Reno, Nevada, United States; Ophthalmology, Byers Eye Institute, Palo Alto, California, United States; Ophthalmology, Texas Retina Associates, Dallas, Texas, United States; Erie Retina Surgery Inc., Erie, Pennsylvania, United States; Retina Macula Institute of Arizona, Scottsdale, Arizona, United States; Barnett Dulane Perkins Eye Center, Phoenix, Arizona, United States; Southwest Eye Consultants, Durango, Colorado, United States; University Retina and Macula Associates PC, Oak Forest, Illinois, United States; Notal Vision Inc, Manassas, Virginia, United States	Baseline OCT Biomarkers Predicting Anatomic Response in Neovascular Age-related Macular Degeneration Treated with Faricimab: A TRUCKEE Study Analysis	241 - 0821	9	Exhibit Hall	AMD imaging I
Sunday, May 3	8:00am - 9:45am	Timothy Taemin Lee, Angela J. Oh, Selina Juang, Jordan Cornwell, Maria P. Quintero, Katherine Lucarelli, Daniel Rootman	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Muller's Muscle-Conjunctival Resection with and without Tarsotomy for Blepharoptosis	513	107	Exhibit Hall	Miscellaneous tumors and ocular adnexa
Sunday, May 3	8:00am - 9:45am	Jiaxin Pu, Liyan Gao, Tracy N. Thomas, Lukas Goerd, Giulia Corradetti, Deepayan Kar, Gerald McGwin, Jason Crosson, Cynthia Owsley, Christine A. Curcio	JSEI	Department of Ophthalmology and Visual Sciences, The University of Alabama at Birmingham Heersink School of Medicine, Birmingham, Alabama, United States; Department of Ophthalmology, University Hospital Bonn, Bonn, Germany; UCLA	Choriocapillaris Flow Signal Deficits Predict AMD Onset and Early Progression Over Three-Years: ALSTAR2 Follow-Up	244 - 0824	109	Exhibit Hall	AMD imaging I
Sunday, May 3	1:00pm - 2:45pm	Duc Anh Hoang, Xiangmei Zhang, Ben Smith, Steven A. Barnes, Xian-Jie Yang	JSEI	Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Doheny Eye Institute, University of California Los Angeles David Geffen School of Medicine, Pasadena, California, United States	Restoration of Mitochondrial Function by OPA1 Augmentation in Stem Cell-based Models of Dominant Optic Atrophy	788 - 0781	135	Exhibit Hall	2D and 3D disease modeling
Sunday, May 3	1:00pm - 2:45pm	Aamir Abdul Aziz, Hannah Khan, Tyler Rahimzadeh, Alan Sheriff, Ashkan Abbey, David RP Almeida, Mark Barakat, Giulia Corradetti, Jordan M. Graff, Sara Haug, Veeral Sheth, Srinivas R. Satta, Nishant Mohan, Arshad M. Khanani	JSEI	Department of Ophthalmology & Visual Science, The University of Chicago, Chicago, Illinois, United States; University of Nevada Reno School of Medicine, Reno, Nevada, United States; Sierra Eye Associates, Reno, Nevada, United States; Byers Eye Institute, Palo Alto, California, United States; Texas Retina Associates, Dallas, Texas, United States; Erie Retinal Surgery Inc, Erie, Pennsylvania, United States; Retina Macula Institute of Arizona, Scottsdale, Arizona, United States; UCLA Doheny Eye Institute, Pasadena, California, United States; Barnett Dulane Perkins Eye Center, Phoenix, Arizona, United States; Southwest Eye Consultants, Durango, Colorado, United States; University Retina and Macula Associates PC, Oak Forest, Illinois, United States; Notal Vision Inc, Manassas, Virginia, United States	Retinal Fluid Quantification Using A Novel Deep Learning Algorithm in Patients Treated with Faricimab in the TRUCKEE Study	510 - 0247	127	Exhibit Hall	Wet AMD clinical research 1
Sunday, May 3	1:00pm - 2:45pm	Deyu Sun, Fei Yu, Esteban Morales, Victoria L. Tseng, Joseph Caprioli, Anne L. Coleman	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Learning Personalized Glaucoma Treatment Policies Using Offline Reinforcement Learning Principles: A Proof-of-Concept	327	130	Exhibit Hall	AI Applications and Computational Science II
Sunday, May 3	1:00pm - 2:45pm	Caden Wesley Chow, Clemence Bonnet, Sophie X. Deng, Mehrnoosh Maalfighfar, Abigail O'Brien, Alexander Chatham	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Influence of 3T3 Feeder Layer in Single Limbal Epithelial Stem Cell Single Cell Culture	568	134	Exhibit Hall	Corneal biology and Regeneration
Sunday, May 3	1:00pm - 1:15pm	Joseph L. Demer	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Head-Tilt dependent hypertropia in bilateral superior oblique (SO) atrophy implicates central origin of strabismus	333	113	Mile High 1A	Paper Session: Eye movements and visual function
Sunday, May 3	1:00pm - 2:45pm	Maxime Ruiz, Xiaoqing Song, Saki Sakakura, Mehrnoosh Maalfighfar, Marisa Tjahjadi, Sophie X. Deng	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Isolation strategy defines purity and antifibrotic efficacy of corneal stromal stem cells extracellular vesicles	605	134	Exhibit Hall	Corneal biology and Regeneration
Sunday, May 3	1:30pm - 1:45pm	Atharva Shetye, Qingyu Meng, Emanuil Parunakian, Somaye Jafari, Veronika Yehezkeili, Joseph L. Demer	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Peripapillary retinochoroidal strains due to horizontal and vertical eye rotation	335	113	Mile High 1A	Paper Session: Eye movements and visual function
Sunday, May 3	3:15pm - 5:00pm	Peng Shang, Johnson Hoang, Zhaohui Geng, Elise Hong, Helena Ambrosino, Xiaoyu Zhu, Jun Qu, Sandra Montezuma, James Dutton, Deborah A. Ferrington	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States; University of Minnesota Twin Cities, Minneapolis, Minnesota, United States; University at Buffalo, Buffalo, New York, United States	Fatty Acid Oxidation Is Impaired by CFH (Y402H) Polymorphism and Cigarette Smoke Extract in iPSC-derived RPE	006 - 0666	52	Exhibit Hall	Biochemistry and molecular biology of retina/RPE
Sunday, May 3	3:15pm - 5:00pm	Xiaolin Wang, Ruixue Liu, Ceren Soylu, Giulia Corradetti, Srinivas R. Satta, Yuhua Zhang	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States	In vivo adaptive optics fluorescence lifetime imaging of human inner retina	1120 - 0850	55	Exhibit Hall	Adaptive optics and molecular imaging
Sunday, May 3	3:15pm - 5:00pm	Gianfranco Bianco, Anna Fortunato, Rodolfo Repetto, Jerry Sebag	JSEI	Ophthalmology and Visual Sciences, The University of Alabama at Birmingham, Birmingham, Alabama, United States; Department of Civil, Chemical and Environmental Engineering, Universita degli Studi di Genova, Genoa, Liguria, Italy; Department of Informatics, Bioengineering, Robotics and Systems Engineering, Universita degli Studi di Genova, Genoa, Liguria, Italy; VMR Research Foundation, Newport Beach, California, United States; UCLA Doheny Eye Institute, Pasadena, California, United States	Enzyme-Induced Vitreolysis Alters Scleral Biomechanics During Dynamic IOP Changes	906	149	Exhibit Hall	Biomechanics and mechanotransduction in the posterior segment and optic nerve
Sunday, May 3	3:15pm - 5:00pm	Somaye Jafari, Atharva Shetye, Joseph L. Demer	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Hydration-induced poroviscoelastic changes in the human optic nerve (ON): Experimental characterization and diffusivity	7	149	Exhibit Hall	Biomechanics and mechanotransduction in the posterior segment and optic nerve
Sunday, May 3	3:15pm - 5:00pm	Veronika Yehezkeili, Emanuil Parunakian, Eli Neimark, Joseph L. Demer	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	HESS screen test (HST) reveals occult deviation distinguishing decompensated esophoria from esotropia due to sagging eye syndrome	855	156	Exhibit Hall	Strabismus and thyroid
Sunday, May 3	3:15pm - 5:00pm	Sachin Parikh, Doug Chung, Anthony J. Aldave	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Corneal endothelial cell density and membrane disorganization in SLC4a11-/-mice	630	151	Exhibit Hall	Cornea Endothelium
Sunday, May 3	3:15pm - 5:00pm	Aiswarya Sasi, Divya Sree Ramya Achanta, Sunita Chaurasia, Deepak P. Edward, Anthony J. Aldave, Muralidhar Ramappa	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Corneal Endothelial Morphology in Congenital Hereditary Endothelial Dystrophy: A Specular Microscopy Evaluation	629	151	Exhibit Hall	Cornea Endothelium

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Sunday, May 3	3:15pm -5:00pm	Doug Chung, Anthony J. Aldave	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Transcriptomic analyses of corneal endothelial cells treated with MitoQ during ex vivo expansion for cell-based therapies	619	151	Exhibit Hall	Cornea Endothelium
Sunday, May 3	3:15pm -5:00pm	Priyanka Boro, Xian-Jie Yang		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Remodeling of cone mitochondria during photoreceptor degeneration and its modulation by CNTF in a mouse model of retinitis pigmentosa	749	154	Exhibit Hall	Retinal degeneration: Models and mechanisms
Sunday, May 3	3:15pm -5:00pm	Stephen P. Christiansen, Yufeng Zhu, Jenna Titelbaum, Erin Christine Jenewein, Paula S. McDowell, Ann Morrison, Gayathri Srinivasan, Hayley Woodall, Marie Bodack, Allegra P. Burgher, Wesley T. Beaulieu, Raymond T. Kraker, Jonathan M. Holmes, Susan A. Cotter, Katherine Weise, Stacy Pineles		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Did You Really Wear That Patch? Self-reported Versus Objective Measures of Adherence to Prescribed Full-Time Patching for Intermittent Exotropia in a Randomized Trial	862	156	Exhibit Hall	Strabismus and thyroid
Sunday, May 3	3:15pm -5:00pm	Kristen L. Kerber, Yufeng Zhu, Safai Khanal, Michael X. Repka, Danielle L. Chandler, Wesley T. Beaulieu, Raymond T. Kraker, Susan A. Cotter, Jonathan M. Holmes, Stacy Pineles, Katherine Weise		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Baseline Factors Associated with Change in Astigmatism in Myopic Children with Mild Astigmatism	1022	159	Exhibit Hall	Refractive error-related epidemiology
Sunday, May 3	3:15pm -5:00pm	John Doran, Brooke Yasuda, Justin S. Yun, Donald Sengsteck, Judy Chen, Edmund Tsui, Sapna Gangaputra		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Investigating the Travel Burden for Patient with Juvenile Idiopathic Arthritis Undergoing Uveitis Screenings	1079	160	Exhibit Hall	Health Economics and the Health Care Delivery
Sunday, May 3	3:15pm -5:00pm	Tal Eshkol-Lior, Michael B. Gorin, Marko Popovic		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Histamine-Mediated Inflammation and Mast Cell Modulation in Central Serous Retinopathy: A Systemic Review and Two Case Illustrations	685	152	Exhibit Hall	Biochemistry and molecular biology of retina/ RPE
Sunday, May 3	4:00pm - 4:15pm	Mehrnoosh Maalaghfar, Sophie X. Deng, Clemence Bonnet, Emery Dutta, Sara Rodriguez	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Clinical Evolution of Contact Lens-Related Limbal Stem Cell Deficiency	869	145	Mile High 4E	Contact Lens
Monday, May 4	11:15am - 1:00pm	Stacy Pineles - Moderator		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Moderating		204	Mile High 1A	Strabismus and thyroid eye disease
Monday, May 4	11:15am - 1:00pm	Roxana Radu - Moderator		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Moderating	178-205	219	Exhibit Hall	Novel discoveries using cell and animal models of disease
Monday, May 4	11:15am - 1:00pm	Michael S. Ip - Moderator		UCLA Doheny Eye Institute, Pasadena, California, United States	Moderating		202	Exhibit Hall	Diabetic Eye Disease I
Monday, May 4	11:15am - 1:00pm	Muneeswar Gupta Nittala, Aditya Verma, Swetha Bindu Velaga, Jianfeng Huang, Dwight Stambolian, Margaret A. Pericak-Vance, Jonathan Haines, Srinivas R. Sadda	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States; Ophthalmology and Genetics, University of Pennsylvania, Pennsylvania, United States; Hussman Institute for Human Genomics, University of Miami, Florida, United States; School of Medicine, Case Western Reserve University, Cleveland, Ohio, United States; Department of Ophthalmology and Visual Sciences, University of Louisville, Kansas, United States	Geographic Atrophy Growth Rates in the Amish Population: Findings from the Amish Eye Study	764 - 0526	227	Exhibit Hall	Dry AMD clinical research
Monday, May 4	11:15am - 1:00pm	Uwe Wolfrum, Mark Zorn, Ivona Valekova, David Sekac, Ruslan Nyschchuk, Duong Nguyen The, Michaela Vaskovicova, Jana Juhasova, Stefan Juhas, Bozena Bohuslavova, Siska Sekac, David S. Williams, Jose M. Millan, Zdeena Ellederova, Jan Mollik, Kerstin Nagel-Wolfrum		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Consistent phenotypes in human iPSC-derived cellular models and a large animal model for Usher syndrome type 1B	193	219	Exhibit Hall	Novel discoveries using cell and animal models of disease
Monday, May 4	11:15am-1:00pm	Grace Ruddin, Tess McCann, Joanna J. Kaylor, Michelle M. Fox, John Fehilly, Rebecca Ward, Allis L. Moran, Adam Faulkner, Jodie Kearney, Kieran Wynne, Roxana Radu, Michael G. Monaghan, Stephen D. Thorpe, Gabriel H. Travis, Breandan Kennedy		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Novel CRISPR-generated double knockout zebrafish models of rgrg and rgrb demonstrate the in vivo role of RGR in the photopic visual cycle and cone-mediated visual behavior	198	219	Exhibit Hall	Novel discoveries using cell and animal models of disease
Monday, May 4	11:15am-1:00pm	Justin S. Yun, Alessandro Fea, Leila Chew, Jeffrey Feng, Elizabeth Hutchins, Ashley F. Stein-Merlob, Eric H. Yang, Melissa G. Lechner, Edmund Tsui		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Inflammatory Phenotype and Visual Outcomes in Immune Checkpoint Inhibitor-Associated Uveitis	218	221	Exhibit Hall	Clinical features and treatment outcomes in uveitis
Monday, May 4	11:15am - 1:00pm	Normila Barthelemy, Larissa Bravo Montas, Jayanth Sridhar, Jesse D. Sengillo		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Effect of Private Equity Acquisition on Regional Retinal Detachment Referrals	256	222	Exhibit Hall	Vitreoretinal Surgery and Retinal Detachment II
Monday, May 4	11:15am - 11:45am	Jonathan M. Holmes, Yufeng Zhu, Sarah Hatt, Erin Christine Jenewein, Nathan L. Cheung, Tawna L. Roberts, Kara C. LaMattina, Christine Law, Stephen P. Christiansen, Wesley T. Beaulieu, Raymond T. Kraker, Susan A. Cotter, Katherine Weise, Stacy Pineles		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Intermittent Exotropia Symptoms in a Randomized Clinical Trial Comparing Full-Time Patching Versus Observation	1343	204	Mile High 1A	Paper Session: Strabismus and thyroid eye disease
Monday, May 4	11:15am - 11:45am	Moderators: Takefumi Yamaguchi & Sophie X. Deng		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Corneal Surgery	0357 - 0397	224	Exhibit Hall	Moderator: Corneal Surgery
Monday, May 4	11:30am - 11:45am	Ruixue Liu, Xiaolin Wang, Srinivas R. Sadda, Yuhua Zhang		UCLA Doheny Eye Institute, Pasadena, California, United States	In Vivo Quantification of Photon Dynamics of Human RPE Autofluorescence	1358	206	Mile High 1E	Clinical and diagnostic imaging
Monday, May 4	11:30am - 11:45am	Stacy Pineles, Carolina Adams, Raymond T. Kraker, Wesley T. Beaulieu, Juan Leon, Rui Wu, Sarah Hatt, Katherine Weise, Jonathan M. Holmes		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Clinical and Demographic Factors Influencing Health-Related Quality of Life in Intermittent Exotropia	1344	204	Mile High 1A	Paper Session: Strabismus and thyroid eye disease
Monday, May 4	11:30am - 11:45am	Justin H. Nguyen, Kenneth Yee, Ashley Burchfield, Jonathan Mamou, Cameron Hoerig, Ronald H. Silverman, Jeffrey Ketterling, Alfredo A. Sadun, J. Sebag		VMR Institute for Vitreous Macula Retina, HUNTINGTON BEACH, California, United States; Department of Radiology, Weill Cornell Medicine, New York, New York, United States; Department of Ophthalmology, Columbia University, New York, New York, United States; UCLA Doheny Eye Institute, Pasadena, California, United States; VMR Research Foundation, Newport Beach, California, United States	Influence of Lens Status on Vitreous Echodensity and Contrast Sensitivity in Vision Degrading Myodesopsia from Vitreous Floaters	1385	210	Mile High 4A	Retina functional testing
Monday, May 4	12:00pm - 12:15pm	Michael S. Ip, Louay Almidani, Ceren Soylu, Mai Brakat Ibrahim Alhelaly, Alberto Quarta, Giacomo Boscia, Bradley Gundlach, Ayesha Karamat, Swetha Velga, Iisa Lampis, Muneeswar Nittala, Srinivas R. Sadda, Giulia Corradetti		UCLA Doheny Eye Institute, Pasadena, California, United States	OCT biomarkers driving anatomic and functional response in eyes with DME treated with anti-VEGF: a post-hoc pooled analysis of DRRCR Retina Network Protocol T data.	1332	202	Bluebird Ballroom 1B	Paper Session: Diabetic eye disease 1
Monday, May 4	12:15pm - 12:30pm	Kelly Nguyen, Bryce Thomas Bajar, Mariana Arino, Nathan Nguyen, Corinne Shiu, Alan Kong, Anika Kumar, Yvonne Ou		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Diagnostic accuracy of a handheld electroretinography test for mild, moderate, and severe glaucoma	1402	212	Mile High 4E	Paper Session: Diagnosis, monitoring, telemedicine, and clinical decision making
Monday, May 4	3:00pm - 4:45pm	Ceren Soylu, Alberto Quarta, Jianfeng Huang, Giulia Corradetti, Shinichiro Chujo, Rouzbeh Abbasgholizadeh, Mai Alhelaly, hyunduck kwak, Yu-Chien Chung, Rainya Rattu, Muneeswar Nittala, Jane W. Chan, Srinivas R. Sadda	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States; University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Ophthalmology, Tanta University Faculty of Medicine, Tanta, Egypt; Fu Jen Catholic University, New Taipei, New Taipei City, Taiwan	Global Choroidal Thickness in Healthy Eyes assessed by Ultra-Widefield Swept-Source Optical Coherence Tomography	2205 - 0637	255	Exhibit Hall	OCT/OCTA development and technical advances
Monday, May 4	3:00pm - 4:45pm	Mai Brakat Ibrahim Alhelaly, Alberto Quarta, Rouzbeh Abbasgholizadeh, Ceren Soylu, Muneeswar Nittala, Giulia Corradetti, Srinivas R. Sadda, Michael S. Ip		Ophthalmology, Tanta University, Tanta, Gharbia Governorate, Egypt; UCLA Doheny Eye Institute, Pasadena, California, United States	Predicting Visual Acuity by OCT and OCTA Biomarkers in Diabetic Macular Edema: A KINGFISHER Study Analysis	1975 - 0042	247	Exhibit Hall	Diabetic Eye Disease
Monday, May 4	3:00pm - 4:45pm	J. Sebag, Paulo-Eduardo Stanga, Justin H. Nguyen, Ashley Burchfield, Kenneth Yee, Jonathan Mamou, Cameron Hoerig, Ronald Silverman, Jeffrey Ketterling, Alfredo A. Sadun, Sebastian Stanga		VMR Consulting, Huntington Beach, California, United States; UCLA Doheny Eye Institute, Pasadena, California, United States; Stanga Ltd, London, England, United Kingdom; The Retina Clinic London, London, United Kingdom; VMR Institute for Vitreous Macula Retina, Huntington Beach, California, United States; Radiology, Weill Cornell Medicine, New York, New York, United States; Ophthalmology, Columbia University Vagelos College of Physicians and Surgeons, New York, New York, United States	YAG Laser Vitreolysis Improves Vision Degrading Myodesopsia from Vitreous Floaters Part 2 – structural and functional results	1934 - 0001	246	Exhibit Hall	Retina miscellaneous I
Monday, May 4	3:00pm - 4:45pm	Hong Jiang, Andrew Hoover, Ruixue Liu, Lei Fu, Xiaolin Wang, Syed Muhammad Hamza Shah, Liang Liang, Yuhua Zhang, Jianhua Wang		Bascom Palmer Eye Institute, University of Miami Miller School of Medicine, Miami, Florida, United States; Neurology, University of Miami Miller School of Medicine, Miami, Florida, United States; Duke University School of Medicine, Durham, North Carolina, United States; UCLA Doheny Eye Institute, Pasadena, California, United States; Ophthalmology, University of California Los Angeles, Los Angeles, California, United States; Computer Science, University of Miami, Coral Gables, Florida, United States	Feasibility and Repeatability of Microsaccade Measurement in Older Adults Using High-Speed Adaptive Optics Near-Confocal Ophthalmoscopy (AONCO)	2397 - 0856	262	Exhibit Hall	Eye movement / visual function

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Monday, May 4	3:00pm - 4:45pm	Jhuwala Venkatakrishnan, Doug Chung, Huong Duong, Mai Nguyen, Anthony J. Aldave	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Genetic Analysis of Expanded Trinucleotide repeats in TCF4 using long-read sequencing in a Vietnamese population with FECD	408	251	Exhibit Hall	Fuchs endothelial corneal dystrophy
Monday, May 4	3:00pm - 4:45pm	Khadija Aghalud, Yeli Wang, Jenny Wu, Marcus Hiroshi Yamamoto, Christian Altenbach, Ilina D. Pluym, Irena Tsui		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA & UCLA Doheny Eye Institute, Pasadena, California, United States	Increased Choroidal Thickness in Hypertensive Disorders of Pregnancy	554	253	Exhibit Hall	OCT Clinical applications
Monday, May 4	3:00pm - 4:45pm	Sajad Besharati, Vahid Mohammadzadeh, Mashad Rafiee, Esteban Morales, Man K. Kwong, Simon K. Law, Victoria L. Tseng, JoAnn Giacomini, Reza Alizadeh, Joseph Caprioli, Kouros Nouri-Mahdavi	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Digital Phenotyping: Real-Time Monitoring of Functional Consequences of Glaucoma with Smartphones	746	259	Exhibit Hall	Diagnosis, Monitoring, Telemedicine, and clinical decision making II
Monday, May 4	3:00pm - 4:45pm	Jacky MK Kwong, Jung Lim Kim, Sajad Besharati, Vahid Mohammadzadeh, Kouros Nouri Mahdavi		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Influence of Ethnicity on the Structure-Function Relationships in Glaucoma	751	259	Exhibit Hall	Diagnosis, Monitoring, Telemedicine, and clinical decision making II
Monday, May 4	3:00pm - 4:45pm	Madison Canter, Sheyla Gonzalez, Clemence Bonnet, Mehrnoosh Maalhafagard, Mary Levin, Jin Yusheng, Rao Jianyu, Sophie X. Deng	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Molecular Diagnostic Method for Limbal Stem Cell Deficiency Using Cytokeratin 13	472	252	Exhibit Hall	Corneal Epithelium
Monday, May 4	3:00pm - 4:45pm	Annisa Citra Permadi, Clemence Bonnet, Sophie X. Deng	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Effect of Recombinant human Nerve Growth factor in the management of Limbal Stem Cell Deficiency	450	252	Exhibit Hall	Corneal Epithelium
Monday, May 4	3:00pm - 4:45pm	Francesco Protti, Daniela Khalilieh Khalilieh, Sang Wook Jin, Esteban Morales, Luca Rossetti, Nitin Anand, Giovanni Montesano, Francesco Oddone, Joseph Caprioli, Stefano De Cilla, Alessandro Rabiolo	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Impact of Visit Schedule on Estimated Success Rates in Glaucoma Surgical Studies	745	259	Exhibit Hall	Diagnosis, Monitoring, Telemedicine, and clinical decision making II
Monday, May 4	3:00pm - 4:45pm	Emanuil Parunakian, Atharva Shetye, Veronika Yehezkeili, Somaye Jafari, Joseph L. Demer		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Cardiac pulse strains optic disc and peripapillary vessels similarly during horizontal and vertical ductions	855	262	Exhibit Hall	Eye Movement/ Visual Function
Monday, May 4	3:00pm - 4:45pm	Eli Neimark, Veronika Yehezkeili, Joseph L. Demer		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Strabismus surgical outcomes in MRI-confirmed bilateral superior oblique palsy (SOP)	857	262	Exhibit Hall	Eye Movement/ Visual Function
Monday, May 4	3:00pm - 4:45pm	Rahul Makam, Andrew Rider, Patrick Yu-Wai-Man, Michael Gilhooley		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Melanopsin augments visual detection mediated by canonical retinal ganglion cells	936	263	Exhibit Hall	Psychophysics, spatial, color, and motion
Monday, May 4	3:41pm - 4:01pm	Yi-Rong Peng		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Molecular Insights into Foveal Development	1891	239	Mile High 2C/3C	Minisymposium: Evolution and Development of the Human Retina
Monday, May 4	3:45pm - 4:00pm	Nikolas London, Frank G. Holz, Philip J. Rosenfeld, David S. Boyer, Srinivas R. Sadda, Roger A. Goldberg, Nathan Steinle, Roy Schwartz, Lauren Hill, Min Tsuboi, Caroline R. Baumal		Department of Ophthalmology, Retina Consultants San Diego, Poway, California, United States; Department of Ophthalmology, University of Bonn, Bonn, Germany; University of Miami Health System Bascom Palmer Eye Institute, Miami, Florida, United States; Retina Vitreous Associates Medical Group, California, United States; Doheny Eye Center UCLA, California, United States; Bay Area Retina Associates, Walnut Creek, California, United States; California Retina Consultants, Santa Barbara, California, United States; Apellis UK Limited, United Kingdom; Apellis Pharmaceuticals Inc, Waltham, Massachusetts, United States; Retina Specialists of Boston and Wellesley, Massachusetts, United States	Factors affecting disease progression and visual acuity in geographic atrophy: Findings from OAKS and DERBY	1844	232	Bluebird Ballroom 1B	Paper Session: Dry AMD Clinical Research
Tuesday, May 5	8:30am - 10:15am	Jianhua Wang, Andrew Hoover, Ruixue Liu, Lei Fu, Xiaolin Wang, Syed Muhammad Hamza Shah, Liang Liang, Yuhua Zhang, Hong Jiang		Bascom Palmer Eye Institute, University of Miami Miller School of Medicine, Miami, Florida, United States; Duke University School of Medicine, Durham, North Carolina, United States; UCLA Doheny Eye Institute, Pasadena, California, United States; Ophthalmology, University of California Los Angeles, Los Angeles, California, United States; Computer Science, University of Miami, Coral Gables, Florida, United States; Neurology, University of Miami Miller School of Medicine, Miami, Florida, United States	High-speed wide field of view in vivo imaging of foveal capillaries and flow dynamics.	2786 - 0452	323	Exhibit Hall	High resolution imaging and clinical applications
Tuesday, May 5	8:30am - 10:15am	Ava K. Bitner, Mariem Dami, Yannick Le Mer, Daniel V. Palankar, Frank Brodie, Jose Alain Sahel, Ralf Hornig, Frank G. Holz	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Daily Living Task Performance with the PRIMA Photovoltaic Implant in Geographic Atrophy	985	325	Exhibit Hall	Retina Miscellaneous II
Tuesday, May 5	8:30am - 10:15am	Emery Dutta, Sophie X. Deng, Clemence Bonnet, Mehrnoosh Maalhafagard	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Limbal Stem/ Progenitor Cell Function in Eyes with Corneal Edema	204	318	Exhibit Hall	Corneal Imaging
Tuesday, May 5	8:30am - 8:45am	Caroline Rodrigues Menezes, Elliot H. Choi, Katrina Tran, Krzysztof Palczewski		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Early Phenotypic Characterization of Humanized MERTK Mouse Models for Genome-Editing Development	2577	315	405	Paper Session: Gene editing and Gene Therapy II
Tuesday, May 5	8:45am - 9:00am	Margarita Ziegler, Hannah Khan, Aamir Abdul Aziz, Isra Khanani, Ashkan Abbey, David RP Almeida, Robert L. Avery, Himanshu Banda, Mark Barakat, Ramanath Bhandari, Emmanuel Chang, Giulia Corradetti, Carl J. Danzig, Jordan M. Graff, Sara Haug, Michael Javaheri, Enchun Liu, Nikolas London, Veeral Sheth, Jeremy Wolfe, Robert Wong, Srinivas R. Sadda, Arshad M. Khanani		Sierra Eye Associates, Reno, Nevada, United States; University of Nevada Reno School of Medicine, Reno, Nevada, United States; Department of Ophthalmology & Visual Science, The University of Chicago, Chicago, Illinois, United States; Sage Ridge School, Reno, Nevada, United States; Texas Retina Associates, Dallas, Texas, United States; Erie Retina Research, Erie, Pennsylvania, United States; California Retina Consultants, Santa Barbara, California, United States; Sound Retina, Tacoma, Washington, United States; Retina Macula Institute of Arizona, Scottsdale, Arizona, United States; Springfield Clinic Eye Institute, Springfield, Illinois, United States; Retina and Vitreous of Texas PLLC, Houston, Texas, United States; UCLA Doheny Eye Institute, Pasadena, California, United States; Rand Eye Institute Inc, Pompano Beach, Florida, United States; Barnett Dulaney Perkins Eye Center, Phoenix, Arizona, United States; Southwest Eye Consultants, Durango, Colorado, United States; Retina Specialists of Beverly Hills, Beverly Hills, California, United States; Retina Associates of South Texas, San Antonio, Texas, United States; Retina Consultants San Diego, Poway, California, United States; University Retina, Chicago, Illinois, United States; Associated Retinal Consultants PC, Royal Oak, Michigan, United States; Austin Retina Associates, Austin, Texas, United States; Medical Center Ophthalmology Associates, San Antonio, Texas, United States	Real-World Efficacy and Safety of Faricimab in Neovascular Age-Related Macular Degeneration: First-Time Four-Year Results of the TRUCKEE Study	2510	305	Mile High 1C	Paper Session: AMD: New drugs and mechanisms of action II
Tuesday, May 5	9:00am - 9:15am	Kyle Kim, Paul Bonezzi, Gordon Fain, Alapakkam P. Sampath		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Dendritic plasticity of rod bipolar cells during retinal degeneration	2546	310	Mile High 4A	Paper Session: Retinal disease and neuronal repair
Tuesday, May 5	9:30am - 9:45am	Bhavishya Pancharathi, Folahan Adesola Ibukun, Artur V. Cideciyan, Paul S. Bernstein, Michel Michaelides, Michael S. Ip, Eberhart Zrenner, Elias I. Traboulsi, Alex Ho, David G. Birch, Ximin Li, Rupert Strauss, Srinivas R. Sadda, Xiangrong Kong		The Johns Hopkins Wilmer Eye Institute, Baltimore, Maryland, United States; Ophthalmology, University of Utah Health John A Moran Eye Center, Salt Lake City, Utah, United States; Penn Medicine Department of Ophthalmology, Philadelphia, Pennsylvania, United States; Moorfields Eye Hospital NHS Foundation Trust, London, England, United Kingdom; University of California Los Angeles, Los Angeles, California, United States; Universitätsklinikum Tübingen Forschungsinstitut für Augenheilkunde, Tübingen, BW, Germany; Retina Foundation of the Southwest, Dallas, Texas, United States; Johns Hopkins University Bloomberg School of Public Health, Baltimore, Maryland, United States; UCLA Doheny Image Reading Center, Pasadena, California, United States; Cleveland Clinic Cole Eye Institute, Cleveland, Ohio, United States; University of California Los Angeles, Los Angeles, California, United States; Medizinische Universität Graz, Graz, Styria, Austria	Retinal Changes on SD-OCT in Stargardt Disease (STGD1) Eyes without atrophy of Definitely Decreased Auto Fluorescence (DDAF)	2520	306	Mile High 1E	Paper Session: Inherited retinal disease
Tuesday, May 5	9:45am - 10:00am	Pernille Lajer Sorensen, Ditte K. Rasmussen, Antonio Escudero Paniagua, Tina Storm, Thomas Stax Jakobsen, Thomas Corydon, Christian Damsgaard, David S. Williams, Rikke Nielsen		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Megalyn supports POS Phagosome Degradation and Retinoid Handling in the RPE to Maintain Photoreceptor Health	2500	303	Bluebird Ballroom 1C	Paper Session: Retinal cell type development, function and dysfunction
Tuesday, May 5	1:15pm - 3:00pm	Srinivas R. Sadda - Moderator		UCLA Doheny Eye Institute, Pasadena, California, United States	Moderating		326	Bluebird Ballroom 1A	Wet AMD Clinical I
Tuesday, May 5	1:15pm - 3:00pm	Neet Mehta, Sneha Gorenka, Sai Sivani Koonapareddy, Anshuman Verma, Sunita Chaurasia, Deepak P. Edward, Anthony J. Aldave, Muralidhar Ramappa	Neet Mehta	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Evaluating the Efficacy of Topical NSAIDs in Alleviating Corneal Clouding in Pediatric CHED: A Clinical and Genomic Appraisal	138	341	Exhibit Hall	Corneal Disease and Drug Delivery

Day	Time	Name	1st Author	Institution	Title	Abstract - Posterboard #	Session Number	Session Location	Session Title
Tuesday, May 5	1:15pm - 3:00pm	Aya Barzelay-Wollman, Yasamin Foroutani, Tsu-Chin Tsao	Aya Barzelay-Wollman	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	AI-Driven, Image-Guided Robotix Cannulation with Micron-Level Precision in Porcine and Cadaveric Whole-Eye Transplant Models	500	345	Exhibit Hall	Ophthalmic Imaging, Visual and Retinal Function
Tuesday, May 5	1:15pm - 3:00pm	Madeline Limb, Maryam Golmohammadi, Danielle Alexandra Gauthier, Shenoda Abd Elmaseh, Alfredo A. Sadun, Benjamin Bert, Roxana Godiwalla, Daniel Sand	DEI	Neuro-ophthalmology, UCLA Doheny Eye Institute, Pasadena, California, United States; Cornea, UCLA Doheny Eye Institute, Pasadena, California, United States; Comprehensive Ophthalmology, University of California Los Angeles Jules Stein Eye Institute, Los Angeles, California, United States	Corneal Endothelial Cell Counts in LHON Patients and Carriers	320 - 0521	346	Exhibit Hall	Neuro
Tuesday, May 5	1:15pm - 3:00pm	Alfredo A. Sadun, Nancy Newman, Valerie Biousse, Leonardo Caporali, Fred N. Ross-Cisneros, Santino Blando, Elisa Boschetti, Lindreth DuBois, Henry Liu, Philippe Ancian, Magali Taiel, Valerio Carelli	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States; Departments of Ophthalmology, Neurology and Neurological Surgery, Emory University School of Medicine, Atlanta, Georgia, United States; IRCCS Istituto Delle Scienze Neurologiche di Bologna, Bologna, Emilia-Romagna, Italy; Universita degli Studi di Bologna, Bologna, Emilia-Romagna, Italy; Emory University School of Medicine, Atlanta, Georgia, United States; Charles River Laboratories France, France; GenSight Biologics SA, Paris, Ile-de-France, France	Diffusion of AAV2-based gene therapy into contralateral optic nerve in Leber hereditary optic neuropathy	324 - 0525	346	Exhibit Hall	Neuro
Tuesday, May 5	1:15pm - 3:00pm	Emily Xu, Sophia Xu, Nhuan Vu, Aya Alhasany, Ziyuan Chris Wang, Srinivas R. Sadda, Zhihong Jewel Hu	DEI	Doheny Image Analysis Laboratory, UCLA Doheny Eye Institute, Pasadena, California, United States	Evaluation of Publicly-Available Automated Segmentation versus Manual Segmentation of the Foveal Avascular Zones Across Retinal Diseases	397 - 0642	347	Exhibit Hall	AI in retina II
Tuesday, May 5	1:15pm - 3:00pm	Rouzbah Abbasgholizadeh, Shinichiro Chujo, Muneeswar Nittala, Mai Brakat Ibrahim Alhelaly, Alberto Quarta, Ceren Soylu, Jianfeng Huang, Srinivas R. Sadda	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States	Quantitative Directional Assessment of Macular Preservation in Choroideremia: A Longitudinal Study	322 - 0657	348	Exhibit Hall	IRD I
Tuesday, May 5	1:15pm - 3:00pm	Parameswaran G. Sreekumar, Elise Hong, Dawoud sulaiman, Victor Grijalva, James T. Handa, Ram Kannan, Srinivasa T. Reddy	DEI	Doheny Eye Institute, Pasadena, California, United States; Department of Medical and Molecular Pharmacology, University of California Los Angeles, Los Angeles, California, United States; The Johns Hopkins Wilmer Eye Institute, Baltimore, Maryland, United States; Division of Cardiology, Department of Medicine, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States	Paraoxonase-2 deficiency exacerbates HMGB leakage and inflammatory cell recruitment in retinal degeneration	3241	349	Exhibit Hall	AMD pathology II
Tuesday, May 5	1:15pm - 3:00pm	Nancy Newman, Patrick Yu-Wai-Man, Alfredo A. Sadun, Valerio Carelli, Rod Gossen, Daniela Garavaglia, Karen Sison Lance, Caroline Fradette, Xavier Lloria, Thomas Klopstock		Departments of Ophthalmology, Neurology, and Neurological Surgery, Emory University School of Medicine, Atlanta, Georgia, United States; John van Geest Centre for Brain Repair, and MRC Mitochondrial Biology Unit, Department of Clinical Neurosciences, University of Cambridge, Cambridge, England, United Kingdom; Moorfields Eye Hospital NHS Foundation Trust, London, England, United Kingdom; Doheny Eye Institute, Department of Ophthalmology, University of California Los Angeles, Los Angeles, California, United States; IRCCS Istituto di Scienze Neurologiche di Bologna, Bologna, Italy; Department of Biomedical and Neuromotor Sciences, University of Bologna, Bologna, Italy; Chiesi Canada Corp, Woodbridge, Ontario, Canada; Chiesi Farmaceutici S.p.A, Parma, Emilia-Romagna, Italy; Friedrich Baur Institute at the Department of Neurology, LMU University Hospital, LMU Munich, Munich, Germany; German Center for Neurodegenerative Diseases (DZNE), Munich, Germany	Redefining Clinical Benefit in Leber Hereditary Optic Neuropathy: An Integrated Analysis of RHODOS and LEROS Studies Supports a Novel Efficacy Endpoint	3125 - 0526	346	Exhibit Hall	Neuro
Tuesday, May 5	1:15pm - 3:00pm	Rajani Battu, Ritesh Narula, Rohan Chawla, Rushikesh Naigaonkar, Vivek Pravin Dave, Rajpal Vohra, Raja Narayanan, Vinod Kumar, Abhishek Desai, Shorya Azad, Rajarshi Pal, Jogin Desai, Srinivas R. Sadda		Eyestem Research Private Limited, Bengaluru, KA, India; LV Prasad Eye Institute, Hyderabad, Telangana, India; All India Institute of Medical Sciences New Delhi, New Delhi, DL, India; Shri Ganapati Netralaya, Jalna, India; University of Rochester Medical Center, Rochester, New York, United States; UCLA Doheny Eye Institute, Pasadena, California, United States	Results of Phase 1/2a Trial of Eyecyte-RPE™ for the Treatment of Geographic atrophy associated with Age-related Macular Degeneration	788	349	Exhibit Hall	AMD pathology II
Tuesday, May 5	1:15pm - 3:00pm	Michael Saheb Kashaf, Fei Yu, Ahmad Santina, Victoria L. Tseng, Anne L. Coleman	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Association Between CyPass Market Withdrawal and Trends in Glaucoma Surgery Among California Medicare Providers	274	343	Exhibit Hall	Big Data and Data Science
Tuesday, May 5	Tuesday, May 6	Tuesday, May 7	Tuesday, May 8	Tuesday, May 9	Tuesday, May 10	Tuesday, May 11	Tuesday, May 12	Tuesday, May 13	Tuesday, May 14
Tuesday, May 5	1:15pm - 3:00pm	San San Lwin, Parsa Riaz Esfahani, Tri Brian Nguyen, Akshay Reddy, Longines Lee, Aidan Yong, Jayanth Sridhar		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Convolutional Neural Networks for Early Detection of Retinopathy of Prematurity	618	347	Exhibit Hall	AI in Retina II
Tuesday, May 5	1:15pm - 3:00pm	Emmanuel Chavez, Nhuan Vu, Albert Li, Tara A. McCannel		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Risk of Metastasis and Mortality in Patients with Uveal Melanoma and Concurrent Hepatic Disease	828	350	Exhibit Hall	Uveal Melanoma
Tuesday, May 5	1:15pm - 3:00pm	Ryan Clarke, Keren Chen, Dominique Monnet, Morgane Tison, Caroline Memmi, Souhila Kecili, Nicholas Jackson, Srinivas R. Sadda, Antoine P. Brezin, Gary N. Holland	JSEI	University of California Los Angeles Jules Stein Eye Institute Library, Los Angeles, California, United States; Department of Medicine Statistics Core, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Centre d'ophtalmologie, Hopital Cochin, Paris, Ile-de-France, France; UCLA Doheny Eye Institute, Pasadena, California, United States	Comparison of Contrast Sensitivity to Macular Findings on Optical Coherence Tomography Imaging among Individuals with Birdshot Chorioretinitis.	3319 - 0856	351	Exhibit Hall	Host pathogen interactions and inflammatory mechanisms in eye disease
Tuesday, May 5	1:45pm - 2:00pm	Clemence Bonnet, Matteo Girolamo, Virginie Salnot, Marjorie Leduc, Emilie-Fleur Gautier, Cedric Broussard, Sophie X. Deng		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Proteomics profiling of tear in eyes with limbal stem cell deficiency	2935	340	405	Paper Session: Decoding disease mechanisms with ocular omics
Tuesday, May 5	1:45pm - 2:00pm	Antonio Escudero Paniagua, Stefanie Volland, Gregory S. Bryman, Gabriel Luna, Andrew Chang, Michael Tri Hoang Do, Steven Fisher, David S. Williams		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Ultrastructural and electrophysiological analyses of the patency of monkey cone outer segment membranes reveal that the majority of disks are closed	2910	335	Mile High 4A	Paper Session: Photoreceptors and outer retina processing
Tuesday, May 5	2:30pm - 2:45pm	Haaziq Ali, Aamir Abdul Aziz, Hannah Khan, Huma Khan, Zoha Khanani, Talha Aziz, Gregory Gahn, David RP Almeida, Mark Barakat, Emmanuel Chang, Giulia Corradetti, Carl J. Danzig, Jordan M. Graff, Jeremy Wolfe, Srinivas R. Sadda, Arshad M. Khanani		Sierra Eye Associates, Reno, Nevada, United States; University of Nevada Reno, Reno, Nevada, United States; The University of Chicago Department of Ophthalmology and Visual Science, Chicago, Illinois, United States; University of Nevada Reno School of Medicine, Reno, Nevada, United States; Davidson Academy of Nevada, Reno, Nevada, United States; Erie Retinal Surgery Inc, Erie, Pennsylvania, United States; Retinal Consultants of Arizona, Phoenix, Arizona, United States; Retina and Vitreous of Texas PLLC, Houston, Texas, United States; UCLA Doheny Eye Institute, Pasadena, California, United States; Rand Eye Institute Inc, Pompano Beach, Florida, United States; Barnet Dulaney Perkins Eye Center, Phoenix, Arizona, United States; Associated Retinal Consultants PC, Royal Oak, Michigan, United States	The Real-World Efficacy and Safety of Faricimab in Diabetic Macular Edema: First Time Two-Year Results of the TAHOE Study	2860	327	Bluebird Ballroom 1B	Paper Session: Diabetic eye disease II
Tuesday, May 5	2:45pm - 3:00pm	Srinivas R. Sadda, Jesse J. Jung, Isabel Bachmeier, Anh Nguyen Duc, Lei Han, Andreas Maunz, Shriji Patel, Siqing Yu, Philippe Margaron	DEI	Doheny Eye Institute, Pasadena, California, United States; East Bay Retina Consultants, Inc., Oakland, California, United States; Department of Ophthalmology, University of California, San Francisco, California, United States; F. Hoffmann-La Roche Ltd., Basel, Switzerland; Genentech, Inc., South San Francisco, California, United States; Genentech, Inc., South San Francisco, California, United States	Reduction in Subretinal Hyperreflective Material Volume With Faricimab vs Aflibercept 2 mg in Treatment-Naïve nAMD: A TENAYA/LUCERNE Post Hoc Analysis	2854	326	Bluebird Ballroom 1A	Paper Session: Wet AMD clinical I
Tuesday, May 5	2:45pm - 3:00pm	Sheyla Gonzalez, Clemence Bonnet, Maxime Ruiz, Madison Canter, Leya Weber, Sophie X. Deng	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Interim Results of a Phase 1 Clinical Trial of Cultivated Autologous Limbal Stem Cells for Stage III Limbal Stem Cell Deficiency	2900	333	Mile High 2B	Paper Session Corneal Epithelium: Emerging strategies for Corneal Epithelial Repair
Tuesday, May 5	3:30pm - 5:15pm	Rafal Holubowicz, Samuel Wang Du, Caroline Rodrigues Menezes, Jianye Zhang, Jilin H. Felgner, Elliot H. Choi, Paul Z. Chen, David R. Liu, Philip L. Felgner, Grazyna Palczewska, Krzysztof Palczewski		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Therapeutic prime editor delivery in the eye mediated by mRNA lipid nanoparticles	683	370	Exhibit Hall	New Therapeutics and delivery approaches for ocular disease

Day	Time	Name	1st Author	Institution	Title	Abstract - Posterboard #	Session Number	Session Location	Session Title
Tuesday, May 5	3:30pm - 5:15pm	Divya Mishra, Doug Chung, Matthew Hirsch, Brian C. Gilger, Anthony J. Aldave	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Corneal Intrastratal AAV8-hSLC4A11 Delivery in Minipigs to Determine the Safety of Gene Therapy for CHED	681	370	Exhibit Hall	New Therapeutics and delivery approaches for ocular disease
Tuesday, May 5	3:30pm - 5:15pm	Aditya Verma, Shinichiro Chujo, Muneeswar Nittala, Swetha Velga, Jianfeng Huang, Alberto Quarta, Rouzbeh Abbasgholizadeh, Dwight Stambolian, Margaret A. Pericak-Vance, Jonathan L. Haines, Srinivas R. Sadda	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States; Department of Ophthalmology and Visual Sciences, University of Louisville School of Medicine, Louisville, Kentucky, United States; Ophthalmology and Genetics, University of Pennsylvania Perelman School of Medicine, Philadelphia, Pennsylvania, United States; Hussen Institute for Human Genomics, University of Miami Miller School of Medicine, Miami, Florida, United States; Department of Population and Quantitative Health Sciences, Case Western Reserve University School of Medicine, Cleveland, Ohio, United States; Cleveland Institute for Computational Biology, Case Western Reserve University School of Medicine, Cleveland, Ohio, United States; Department of Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States	Geographic Atrophy Severity Score and its Correlation with Visual Acuity	3646 - 0739	371	Exhibit Hall	AMD: Translational studies
Tuesday, May 5	3:30pm - 5:15pm	Simon S. M. Fung, Thanachaporn Kittipibul, Clemence Bonnet, Wenlin Zhang, Vivian Shibayama, Saba Al-Hashimi, Sophie X. Deng, Anthony J. Aldave	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Structural and functional changes in corneal innervation after treatment with cenegeprin: an in vivo confocal microscopy analysis	9	366	Exhibit Hall	Corneal neuropathy and ocular pain
Tuesday, May 5	3:30pm - 5:15pm	Riad Sankari, Raiyna Rattu, Louay Almidani, Alberto Quarta, Ceren Soylu, Jianfeng Huang, Srinivas R. Sadda, Giulia Corradetti	DEI	Department of Ophthalmology, David Geffen School of Medicine of the University of California-Los Angeles, Los Angeles, California, UCLA Doheny Eye Institute, Pasadena, California, United States; Johns Hopkins Medicine, Baltimore, Maryland, United States	Low-Density Lipoproteins Predict Choriocapillaris Flow Deficits in Intermediate AMD: A Mixed-Effects OCTA Analysis	3549 - 0560	369	Exhibit Hall	New imaging biomarkers
Tuesday, May 5	3:30pm - 5:15pm	Joseph L. Demer		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Role of vergence in binocular vision and strabismus - Vice Presidential Session	Vice Presidential Session	354	Mile High 1A	Minisymposium: Vice Presidential Session
Tuesday, May 5	3:30pm - 5:15pm	Saki Sakakura, Madison Canter, Sheyla Gonzalez, Sophie X. Deng		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	The tie course of anti-scarring effects by secretoma from human corneal stromal stem cells	81	367	Exhibit Hall	Corneal Stroma and Keratitis
Tuesday, May 5	3:30pm - 5:15pm	Ashley Versace, Sathishkumar Chandrakumar, Mahesh Agarwal, Kaustabh Ghosh	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States; University of California Los Angeles, Los Angeles, California, United States	Lysyl oxidase promotes mechanochemical activation of Muller cells in early diabetes	938	374	Exhibit Hall	Diabetic Retinopathy
Wednesday, May 6	10:15am - 12:00pm	Yu-Chien Chung, Mai Brakat Ibrahim Alhelaly, Muneeswar Nittala, Swetha Velga, Jonathan Haines, Margaret A. Pericak-Vance, Dwight Stambolian, Srinivas R. Sadda	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States; Department of Ophthalmology, Fu Jen Catholic University Hospital, New Taipei, New Taipei City, Taiwan; Department of Ophthalmology, Tanta University Faculty of Medicine, Tanta, Gharbia Governorate, Egypt; Department of Population & Quantitative Health Sciences, Case Western Reserve University School of Medicine, Cleveland, Ohio, United States; John P. Hussen Institute for Human Genomics, University of Miami Miller School of Medicine, Miami, Florida, United States; Department of Ophthalmology, University of Pennsylvania Perelman School of Medicine, Philadelphia, Pennsylvania, United States; Department of Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States	OCT Risk Factors for Progression to Incomplete Retinal Pigment Epithelium and Outer Retinal Atrophy (RORA) in the Amish Eye Study	3928 - 0142	417	Exhibit Hall	AMD imaging II
Wednesday, May 6	10:15am - 12:00pm	Raiyna Rattu, Riad Sankari, Louay Almidani, Alberto Quarta, Ceren Soylu, Jianfeng Huang, Srinivas R. Sadda, Giulia Corradetti	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States; The Johns Hopkins Wilmer Eye Institute, Baltimore, Maryland, United States; Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States	To Assess the Relationship Between Cardiovascular Comorbidities and Choriocapillaris Flow Deficits in Intermediate Age-related Macular Degeneration: Insights from a Composite Score	3945 - 0159	417	Exhibit Hall	AMD imaging II
Wednesday, May 6	10:15am - 12:00pm	Shinichiro Chujo, Alberto Quarta, Giulia Corradetti, Rouzbeh Abbasgholizadeh, Cherie Chung, hyunduck kwak, Raiyna Rattu, Ceren Soylu, Mai Alhelaly, Jianfeng Huang, Swetha Velga, Muneeswar Nittala, Srinivas R. Sadda	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States; University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States	Quantifying Geographic Atrophy Progression Using a Cone and Rod Photoreceptor Model	3970 - 0184	417	Exhibit Hall	AMD imaging II
Wednesday, May 6	10:15am - 12:00pm	Swetha Bindu Velaga, Muneeswar Nittala, Jianfeng Huang, Utkarsh Doshi, Sandeep Chandra Bollepalli, Zhihong Jewel Hu, Peter Racioppo, Ziyuan Chris Wang, Dwight Stambolian, Margaret A. Pericak-Vance, Jonathan L. Haines, Srinivas R. Sadda	DEI	UCLA Doheny Image Reading Center, Pasadena, California, United States; Ophthalmology and Genetics, University of Pennsylvania, Philadelphia, Pennsylvania, United States; University of Miami, Coral Gables, Florida, United States; Case Western Reserve University, Cleveland, Ohio, United States; Department of ophthalmology, University of Pittsburgh, Pittsburgh, Pennsylvania, United States	Regional Retinal and Choroidal Layer Alterations Over Geographic Atrophy Areas in Eyes With and Without Outer Retinal Tubulations: Amish eye study	3972 - 0186	417	Exhibit Hall	AMD imaging II
Wednesday, May 6	10:15am - 12:00pm	Regina Liu, Victoria L. Tseng, Fei Yu, Ahmad Santina, Ying Zheng, Anne L. Coleman	JSEI	Ophthalmology, David Geffen School of Medicine at University of California, Los Angeles, Los Angeles, California, United States; Ophthalmology, UCLA Jules Stein Eye Institute Library, Los Angeles, California, United States; Doheny Eye Institute, Los Angeles, California, United States; Biostatistics, University of California Los Angeles Jonathan and Karin Fielding School of Public Health, Los Angeles, California, United States; Epidemiology, University of California Los Angeles Jonathan and Karin Fielding School of Public Health, Los Angeles, California, United States	Association of Types I-IV Hypersensitivities and Glaucoma in the National Institutes of Health All of Us Research Program	4061 - 0275	420	Exhibit Hall	Glaucoma epidemiology
Wednesday, May 6	10:15am - 12:00pm	Karla Murillo, Ken Kitayama, Andrew Young, Emmanuel Chavez, Naomi Castellon-Perez, Fei Yu, Victoria L. Tseng, Gerardo Moreno, Anne L. Coleman	JSEI	Ophthalmology, UCLA Stein and Doheny Eye Institutes, Los Angeles, California, United States; Biostatistics, UCLA Fielding School of Public Health, Los Angeles, California, United States; Epidemiology, UCLA Fielding School of Public Health, Los Angeles, California, United States; Family Medicine, University of California Los Angeles, Los Angeles, California, United States; Charles R. Drew University Medical Education Program, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Program in Medical Education - Los Angeles (PRIME-LA), University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States	Campo Visual: Ocular Health Assessment of Latino Agricultural Workers in Rural Kern County	4166 - 0380	422	Exhibit Hall	Global and public health
Wednesday, May 6	10:15am - 12:00pm	Alberto Quarta, Francesco Romano, Claudia Nardi, Andrea Trinco, Ceren Soylu, Jianfeng Huang, Rouzbeh Abbasgholizadeh, Shinichiro Chujo, Alessandro Feo, Giulia Corradetti, Muneeswar Nittala, Mai Brakat Ibrahim Alhelaly, Federico Corvi, Giovanni Staurengli, Srinivas R. Sadda	DEI	Ospedale Luigi Sacco-Polo Universitario, Milan, Lombardy, Italy; UCLA Doheny Eye Institute, Pasadena, California, United States; University of California Los Angeles Jules Stein Eye Institute Library, Los Angeles, California, United States	Quantitative Topographic Characterization of the Sub-Retinal Pigment Epithelium Compartment in Extensive Macular Atrophy with Pseudodrusen-like Appearance	3953 - 0167	417	Exhibit Hall	AMD imaging II
Wednesday, May 6	10:15am - 12:00pm	Alexander Scott Fraser, Marcus Ang, Alice Bellchambers, Colin Chu, Sonali Dave, Alastair Denniston, Laura Elizabeth Downie, Thomas Evans, Scott Hua, Alex S. Huang, Pearse Andrew Keane, Xiaoxuan Liu, Jodhbir S. Mehta, Giovanni Ometto, Axel Petzold, Edmund Tsui, Tamara Fraser, Benjamin Xu, Ameenat Lola Solebo		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Development of the advised protocol for OCT study terminology and elements anterior segment OCT extension reporting guidelines (APOSTEL-AS)	220	419	Exhibit Hall	Imaging Technologies and Functional Imaging
Wednesday, May 6	10:15am - 12:00pm	Bitu Behziz, Matthew Nepo, Yasamin Sadat Mousavi Mottlagh, Tsu-Chin Tsao, Aya Barzelay-Wollman	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Intraocular Tissue Detection Using Bio-Impedance Under Real-time Surgical Settings	240	419	Exhibit Hall	Imaging Technologies and Functional Imaging
Wednesday, May 6	10:15am - 12:00pm	Victoria L. Tseng, Fei Yu, Ken Kitayama, Ying Zheng, Deyu Pan, Anne L. Coleman	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Intersections between Access to Care and Neighborhood Deprivation on Prevalence of Neovascular Glaucoma in At-Risk Individuals	302	420	Exhibit Hall	Glaucoma Epidemiology
Wednesday, May 6	10:15am - 12:00pm	Eleanor Frost, Ken Kitayama, Victoria L. Tseng, Fei Yu, Anne L. Coleman	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Associations between exposure to various outdoor air pollutants and entropion in California Medicare beneficiaries	334	421	Exhibit Hall	Anterior Segment epidemiology

Day	Time	Name	1st Author	Institution	Title	Abstract - Posterboard #	Session Number	Session Location	Session Title
Wednesday, May 6	10:15am - 12:00pm	Jianfeng Huang, Muneeswar Nittala, Giulia Corradetti, Alberto Quarta, Rouzbeh Abbasgholizadeh, Ceren Soyulu, Shinichiro Chujo, Swetha Velga, Srinivas R. Sadda	DEI	Doheny Eye Institute, Los Angeles, California, United States; Ophthalmology department, David Geffen School of Medicine of the University of California-Los Angeles, Los Angeles, California, United States; Ophthalmology department, Beijing Hospital, Beijing, Beijing, China	Spatial Distribution of Cuticular Drusen and its Association with Subtype-Specific Progression Risk in Intermediate AMD	3960 - 0174	417	Exhibit Hall	AMD imaging II
Wednesday, May 6	10:15am - 12:00pm	Longines Lee, Parsa Riazzi Esfahani, Akshay Reddy, Aidan Yong, Tri Brian Nguyen, Kimia Rezaei, Victoria Farasat, Jayanth Sridhar		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Comparative Evaluation of Convolutional Neural Network Architectures for Retinoblastoma Detection in Fundus Images	422	423	Exhibit Hall	Pediatric ophthal
Wednesday, May 6	11:30am - 11:45am	Nhuan Vu, Aya Alhasany, Ibrahim Abboud, Peter Racioppo, Ziyuan Chris Wang, Sohaib Fasih-Ahmad, Liyan Gao, Jiaxin Pu, Gerald McGwin, Cynthia Owsley, Christine A. Curcio, Srinivas R. Sadda, Zhihong Jewel Hu		University of California Los Angeles, Los Angeles, California, United States; UCLA Doheny Eye Institute, Pasadena, California, United States; The University of Alabama at Birmingham Heersink School of Medicine, Birmingham, Alabama, United States; Department of Epidemiology, The University of Alabama at Birmingham School of Public Health, Birmingham, Alabama, United States	Correlation Between Changes in Outer Retinal OCT Structure and Visual Function in Aging and Age-related Macular Degeneration (AMD): Longitudinal Data from ALSTAR2	3791	402	Bluebird Ballroom 1B	Paper Session: AMD translational studies I
Wednesday, May 6	2:00pm - 3:45pm	Keytiana Bonnae Hempstead, Fei Yu, Ahmad Santina, Victoria L. Tseng, Anne L. Coleman	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Social Vulnerability, Prevalence of Cataract, and Incidence of Cataract Surgery	957	461	Exhibit Hall	Cataract Surgery: Outcomes and Epidemiology
Wednesday, May 6	2:00pm - 3:45pm	Ken Kitayama, Victoria L. Tseng, Fei Yu, Anne L. Coleman	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Racial and Ethnic Parity in Laser Trabeculoplasty Outcomes Among California Medicare Beneficiaries	901	460	Exhibit Hall	Lasers and Surgery II
Wednesday, May 6	2:52pm - 3:04pm	Yuhua Zhang	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States	Innovative Imaging Technologies in AMD	4415	433	Bluebird Ballroom 1B	Minisymposium: Advancing Precision in AMD - Imaging, endpoints, and innovation
Thursday, May 7	8:00am - 9:45am	Ahmad Santina, Anne L. Coleman, Fei Yu, Victoria L. Tseng, Kirk Hou	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Glucagon-Like Peptide-1 Receptor Agonists and Age-Related Macular Degeneration	354	510	Exhibit Hall	AMD Epidemiology
Thursday, May 7	8:00am - 9:45am	Puja Chinasigari, Vishal Chinasigari, Vivian Qin, Vikas Chopra, Brian Francis	DEI	Ophthalmology, UCLA Doheny Eye Institute, Pasadena, California, United States; Ophthalmology, University of California Los Angeles Jules Stein Eye Institute, Los Angeles, California, United States	Global and Regional Agreement Between a Head-Mounted Virtual Reality Perimeter and Humphrey 24-2 Perimetry	4986 - 0009	503	Exhibit Hall	Visual fields and other functional testing
Thursday, May 7	8:00am - 9:45am	Maryam Golmohammadi, Amin Ramezani, Danielle Alexandra Gauthier, Fred N. Ross-Cisneros, Michael Gilhooley, Alfredo A. Sadun	DEI	UCLA Doheny Eye Institute, Pasadena, California, United States; University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Brigham and Women's Hospital, Boston, Massachusetts, United States	Deep Learning Based Retinal Vessel Metrics Can Differentiate Leber Hereditary Optic Neuropathy (LHON) from Dominant Optic Atrophy (DOA)	5205 - 0268	509	Exhibit Hall	Machine learning for classification, segmentation and others
Thursday, May 7	8:00am - 9:45am	Anthony Tinkwan Wu, Adrian Au, Justin Hanson, Marcus Hiroshi Yamamoto, Joy Cheng, Simon Lee, Tal Eshkoloy Lior, Oren Avram, Srinivas R. Sadda, Alison Coyne, Nisha Acharya, Brian Madow, Jeffrey Chiang, Edmund Tsui	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, California, United States; Computational Medicine, University of California Los Angeles, Los Angeles, California, United States; John A. Burns School of Medicine, University of Hawaii at Manoa, Honolulu, Hawaii, United States; Doheny Eye Institute, University of California Los Angeles, Pasadena, California, United States; University of California San Francisco, San Francisco, California, United States; Proctor-Ophthalmology, University of California San Francisco, San Francisco, California, United States; Ross Eye Institute, University at Buffalo, Buffalo, New York, United States	Quantitative Analysis of Retinal Fluid in Uveitic Macular Edema by a Deep Learning Model	5197 - 0260	509	Exhibit Hall	Machine learning for classification, segmentation and others
Thursday, May 7	8:00am - 9:45am	Ally Yunjia Zhao, Alberto Quarta, Alessandro Feo, Sung Moon Huh, Ryan Hsieh, Rajeev Hemant Muni, Srinivas R. Sadda, David Sarraf, Marko Popovic		Temerty Faculty of Medicine, University of Toronto, Toronto, Ontario, Canada; UCLA Doheny Eye Institute, Pasadena, California, United States; University of California Los Angeles Jules Stein Eye Institute, Los Angeles, California, United States; Department of Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Department of Ophthalmology, University of Toronto, Toronto, Ontario, Canada; Department of Ophthalmology, St Michael's Hospital, Toronto, Ontario, Canada	Polypoidal Choroidal Vasculopathy in Asian and Caucasian Populations: A Systematic Review and Meta-Analysis	5232 - 0346	510	Exhibit Hall	AMD epidemiology
Thursday, May 7	8:00am - 9:45am	Noel Moore, Yeunjoo E. Song, Alexandar V. Gulyayev, Kristy Miskimen, Renee Laux, Audrey Lynn, Sarada Fuzzell, Sherri Hochstetler, Dawn Miller, Laura Caywood, Jason Clouse, Shariene Herington, Ping Wang, Yining Liu, Dana Jian, Daniel A. Dorfsman, Michelle Grunin, Muneeswar Nittala, Jeff Vance, Srinivas R. Sadda, Dwight Stambolian, William K. Scott, Margaret A. Pericak-Vance, Jonathan L. Haines		Department of Population and Quantitative Health Sciences, Case Western Reserve University School of Medicine, Cleveland, Ohio, United States; John P. Hussman Institute for Human Genomics, University of Miami Miller School of Medicine, Florida, United States; Cleveland Institute for Computational Biology, Case Western Reserve University, School of Medicine, Ohio, United States; UCLA Doheny Eye Institute, California, United States; The Dr. John T. Macdonald Foundation Department of Human Genetics, University of Miami Miller School of Medicine, Florida, United States; Department of Ophthalmology, University of Pennsylvania, Pennsylvania, United States	Heritability of Age-related Macular Degeneration in the Amish	5252 - 0366	510	Exhibit Hall	AMD epidemiology
Thursday, May 7	8:00am - 9:45am	Nathan Siu, Micah Vinet, Sheyla Gonzalez, Maxime Ruiz, Corey Arnold, William Spier, Sophie X. Deng		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Automated Approaches for Cultivated Limbal Stem Cell Quality Control Assessment	259	509	Exhibit Hall	Machine Learning for classification, Segmentation and others
Thursday, May 7	8:00am - 9:45am	Jessica H. Tran, Ahmad Santina, Fei Yu, Victoria L. Tseng, Kirk Hou, Anne L. Coleman	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Associations between Age-Related Macular Degeneration and Autoimmune Disease	362	510	Exhibit Hall	AMD Epidemiology
Thursday, May 7	8:00am - 9:45am	Esteban Morales, Sajad Besharati, Mahshad Rafiee, Vahid Mohammadzadeh, Kouros Nouri Mahdavi		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Comparison of Threshold Sensitivity and Longitudinal Variability Between Size III and Size V Perimetry in Glaucoma	23	503	Exhibit Hall	Visual Fields and other functional testing
Thursday, May 7	8:00am - 9:45am	Anamika Patel, Neringa Jurkute, Omar Mahroo, Christina Kozycki, Harry Petrushkin		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Efficacy of Tocilizumab in ROSAH Syndrome: A Single-Centre Case Series	622	512	Exhibit Hall	IRD II
Thursday, May 7	8:00am - 9:45am	Brooke Yasuda, Ali Jaafar Haidar, Alessandro Feo, Shin Kadomoto, Amber Henny, Jaiden Huang, Annabelle Ngoc Tran, Nidhi Thati, Anthony Wu, Adrian Au, Keren Chen, Nicholas Jackson, Edmund Tsui	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Automated Quantification of Anterior Chamber Cells in HLA-B27 Associated Acute Anterior Uveitis Using Swept-Source Anterior Segment Optical Coherence Tomography	678	513	Exhibit Hall	Quantifying and Characterizing ocular inflammation and ocular immunity in health and disease
Thursday, May 7	8:00am - 9:45am	Demi Miller, Edmund Tsui, Gary N. Holland, Judy Chen	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Outcomes of Goniotomy and Gonioscopy-Assisted Transluminal Trabeculectomy With or Without Cataract Extraction for Uveitic and Steroid-Induced Glaucoma/Ocular Hypertension	657	513	Exhibit Hall	Quantifying and Characterizing ocular inflammation and ocular immunity in health and disease
Thursday, May 7	8:00am - 9:45am	Aezoo Miraftebi, Vahid Mohammadzadeh, Sajad Besharati, Zhe Fei, Joseph Caprioli, Kouros Nouri-Mahdavi	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Perimetric Rates of Change and Time to Detection of Progression According to Ethnicity in a Large Clinical Cohort	15	503	Exhibit Hall	Visual Fields and other functional testing
Thursday, May 7	8:00am - 9:45am	Micah Vinet, Nathan Siu, Clemence Connet, William Spier, Corey Arnold, Sophie X. Deng	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Machine Learning Segmentation of the Corneal Epithelium in Limbal Stem Cell Deficiency using Anterior Segment Optical Coherence Tomography	257	509	Exhibit Hall	Machine Learning for classification, Segmentation and others
Thursday, May 7	8:00am - 9:45am	Meghan Gorniak, Caroline Farroll, Lauren Pollack, Luke Nelson, Rafif Ghabban		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	The Ophthalmology Residency Match: Regional and Program-Specific Retention Trends in a Virtual Environment	101	505	Exhibit Hall	Training and Education
Thursday, May 7	11:45am - 12:00pm	Theodore Spaide, Ashkan Eliasy, Ritesh Narula, Srinivas R. Sadda, Reena Chopra		Topcon Healthcare, Oakland, New Jersey, United States; LVPEI Imaging Laboratory and Analysis Centre (LILAC), LV Prasad Eye Institute, Hyderabad, Telangana, India; Anant Bajaj Retina Institute, LV Prasad Eye Institute, Hyderabad, Telangana, India; Department of Ophthalmology, UCLA Doheny Eye Institute, Pasadena, California, United States	Comparison of Foundation Models in Classification of OCT Volumes	5547	525	Mile High 2C/3C	Machine learning for classification
Thursday, May 7	11:45am - 1:30pm	Ricardo Isaac Espinosa Lima, Sydney Williams, Colin Germer, Aparna Lakkaraju		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Morphometric analyses of the retinal pigment epithelium reveal stree-specific mechanisms in Stargardt disease and AMD	464	538	Exhibit Hall	Cell and gene therapy
Thursday, May 7	11:45 am - 1:30pm	Moderators: Ava K. Bittner & Nicole Ross		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Low Vision and Quality of Life	43 - 52; Moderator	532	Exhibit Hall	Low Vision and Quality of Life
Thursday, May 7	11:45am - 1:30pm	Nan Hultgren, Bryan Cheng, Danielle Sumilang, Luke Nelson, Ajit Divakaruni, David S. Williams		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Mitochondrial motility coordinates lipid handling to drive efficient phagocytosis in the RPE	418	537	Exhibit Hall	Retina/RPE: New drugs, mechanisms of action, metabolism, and toxicity

Day	Time	Name	1st Author	Institution	Title	Abstract - Posterboard #	Session Number	Session Location	Session Title
Thursday, May 7	12:30pm - 12:45pm	Vahid Mohammadzadeh, Sean Wu, Jessica Lee, Sajad Besharati, Esteban Morales, Zhe Fei, Fabien Scalzo, Joseph Caprioli, Kouroos Nouri-Mahdavi	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Prediction of Perimetric Outcomes from early Longitudinal Visual Field and Demographic and Clinical Data with Deep Learning	5570	528	Mile High 4E	Paper Presentation: Visual Fields and other Functional testing
Thursday, May 7	1:15pm - 1:30pm	Vivienne Hau, Theodore Leng, Yoshihiro Yonekawa, Pradeep Prasad, Robert Wirthlin, Jeffrey Heier, Jiong Yan, Jorge I. Calzada, Justis P. Ehlers, Karl G. Csaky, Rajesh C. Rao, Veeral Sheth, Sunil Gupta, Colin McCannel, Andreas K. Lauer, Jill Woloszynek, Yongjik Lee, Yifei Huang, John Kirkpatrick, Toos van Kesteren, Guoqiang Zhang, Almudena Martinez, Alessandro Iannaccone, Jaya D. Chidambaram, Carl Regillo		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Subretinal Transplantation of Human Stem Cell-Derived Retinal Pigment Epithelium (ASP7317) for the Treatment of Advanced Geographic Atrophy Preliminary Phase 1b Results	5505	518	Bluebird Ballroom 1B	Paper Session: Stem Cell and Gene Therapy
Thursday, May 7	2:00pm - 3:45pm	Edmund Tsui - Moderator		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Clinical Characterization and Therapeutic Strategies in Uveitis		552	Mile High 4C	Moderating Paper Sessions: Clinical Characterization and Therapeutic Strategies in Uveitis
Thursday, May 7	2:15pm - 2:30pm	Yuka Kihara, SriniVas R. Sada, Charles Clifton Wykoff, Jean-Francois Korobelnik, Frank G. Holz, Robyn H. Guymer, Cecilia Lee, Aaron Y. Lee		Washington University in St Louis, St. Louis, Missouri, United States; University of California Los Angeles, Los Angeles, California, United States; Retina Consultants of Texas, Houston, Texas, United States; Universitätsklinikum Bonn, Bonn, NRW, Germany; Centre for Eye Research Australia Ltd, East Melbourne, Victoria, Australia; Centre Hospitalier Universitaire de Bordeaux, Talence, Nouvelle-Aquitaine, France	Macular Continuous Severity Prediction from Retinal OCT Using Temporal Pairwise Supervision	5968	553	Mile High 4E	Paper Session: AI in retina III
Thursday, May 7	2:30pm - 2:45pm	Edmund Tsui, Ali J. Haidar, Marcua Hiroshi Yamamoto, Keren Chen, Nicholas Jackson, Gary N. Holland		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Longitudinal study of laser flare photometry for monitoring anterior segment inflammation and predicting clinical outcomes	5962	552	Mile High 4C	Paper Session: Clinical characterization and therapeutic strategies in uveitis
Thursday, May 7	2:45pm - 3:00pm	Elise L. Ma, Sheyla Gonzalez, Madison Canter, Leya Weber, Chi-Hong Tseng, Sophie X. Deng		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Do Tissue Donor Parameters Impact Limbal Stem Cell Expansion?	5916	545	Mile High 1A	Paper Session: Corneal biology and regeneration
Thursday, May 7	3:00pm - 3:15pm	Alessandro Feo, Alberto Quarta, PRITHVI RAMTOHUL, Demi Miller, Kareem Moussa, Eric Crowell, K Bailey Freund, Edmund Tsui		Ophthalmology, University of California Los Angeles, Los Angeles, California, United States; Ophthalmology, UCLA Doheny Eye Institute, Pasadena, California, United States; Ophthalmology, Hôpital Nord, Marseille, Provence-Alpes-Côte d'Azur, France; Ophthalmology, University of California Davis, Davis, California, United States; Ophthalmology, The University of Texas at Austin Dell Medical School, Austin, Texas, United States; Ophthalmology, Vitreous Retina Macula Consultants of New York, New York, New York, United States	Expanded Spectrum of Chrysanthemum and Miliary Multifocal Choroiditis with Panuveitis: Novel Imaging and Pathophysiological Insights	5964	552	Mile High 4C	Paper Session: Clinical characterization and therapeutic strategies in uveitis
ON DEMAND	ON DEMAND	Aidan Yong, Parsa Riaz, Esfahani, Akshay Reddy, Longines Lee, Tri Brian Nguyen, Jayanth Sridhar		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Automated Detection of Toxoplasmosis Chorioretinitis Using Cloud-Based Convolutional Neural Networks	OD198			
ON DEMAND	ON DEMAND	Erin NaPier, Bradley Gundlach, Hamid Hosseini		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Retinal Injury from Hunting Rifle Laser Sight	OD258			
ON DEMAND	ON DEMAND	Ashlet Shirriff, Jordan Cornwell, Katherine Lucarelli, Robert Goldberg, Daniel Rootman		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA & UCLA Doheny Eye Institute, University of California Los Angeles, Pasadena, CA	Evaluating the effect of pre-procedural 0.5% lidocaine use on patient-reported pain associated with 2% lidocaine injection for periocular procedures	OD57			
ON DEMAND	ON DEMAND	Sebastiano Nunziata, Veronika Yehezkeili, Emanuil Parunkian, Joseph L. Demer		Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Post-surgical recurrence of hypertropia in sagittal eye syndrome (SES)	OD145			
ON DEMAND	ON DEMAND	Stuti Bhavin Shah, Sunita Chaurasia, Deepak P. Edward, Anthony J. Aidave, Muralidhar Ramappa	JSEI	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	Quantitative Densitometry in CHED: A Prospective Study Correlating Imaging, Morphometry, and Visual Function	OD130			