

Day	Time	Name	Title	Institution(s)	Poster or Abstract No.	Session Number	Session Location	Session Title
Sunday, May 5	8:00am-10:00am	Edmund Tsui	Moderator: Vision for the future: Exploring the transformative potential of Artificial Intelligence in Ophthalmology	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA		101	6E - Seattle Convention Center - Arch Building	Symposium CME
Sunday, May 5	8:00am-9:45am	Daniel Wanderer, Xiaowei Zhang, Ye He, Rustum Karanjia, Srinivas R. Sadda, Brandon Macias, Steven Laurie, Alex S. Huang	Optic Nerve Vascular Leakage in a 30-day Head-down Tilt Bedrest Model of Space-flight Associated Neuro-ocular Syndrome (SANS)	Shiley Eye Institute, University of California San Diego, La Jolla, California, United States; Doheny Eye Institute, Los Angeles, California, United States; University of California San Diego, La Jolla, California, United States; University of Ottawa, Ottawa, Ontario, Canada; KBR, Texas, United States; NASA, Washington, District of Columbia, United States	A0318	105	Exhibit Hall - Seattle Convention Center	Neuro-ophthalmology
Sunday, May 5	8:00am-9:45am	Pratistha Singh, Sheyla Gonzalez, Clemence Bonnet, Sophie Xiaohui Deng, Jie J. Zheng	Wnt mimic activator could rescue limbal stem/progenitor cells from NH3 burn	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0048	104	Exhibit Hall - Seattle Convention Center	Poster Session: Corneal epithelial wound repair and healing
Sunday, May 5	8:00am-9:45am	Yaqoob Qaseem, Moritz Pettenkofer	Faricimab in Treatment-Experienced Neovascular Age-Related Macular Degeneration	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0316	108	Exhibit Hall - Seattle Convention Center	Poster Session: AMD-1 (anti-VEGF)
Sunday, May 5	8:05am-8:20am	David S. Williams	Presenter: Live-cell imaging of dynamic cellular events in RPE cells	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	13	103	612 - Seattle Convention Center - Arch Building	Symposium: Imaging cellular dynamics: Current trends in ophthalmic research
Sunday, May 5	1:00pm-2:45pm	Karla Murillo, Ken Kitayama, Fei Yu, Victoria L. Tseng, Anne L. Coleman	Utilization of Telehealth among Medicare Beneficiaries in Rural California with Chronic Eye Disease	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0283	131	Exhibit Hall - Seattle Convention Center	Poster Session: Teleophthalmology and screening
Sunday, May 5	1:00pm-2:45pm	Weilin Song, Reza Kianian, Judy Figueroa, Jack B. Margines, Jiwei Sheng, Hamid Hosseini, Pradeep Prasad, Kirk Hou	Effect of COVID-19 pandemic on surgical utilization, presentation and outcomes of pars-plana vitrectomy for complications of diabetic retinopathy within a county system	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0577	138	Exhibit Hall - Seattle Convention Center	Poster Session: Vitreoretinal surgery and retinal detachment I
Sunday, May 5	1:00pm-2:45pm	Mahesh Agarwal, Sathishkumar Chandrakumar, Irene Santiago Tierno, Emma M. Lessieur, Timothy S. Kern, Kaustabh Ghosh	Actin remodeling governs neutrophil activation: Implications for retinal capillary degeneration in diabetic retinopathy.	Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Doheny Eye Institute, Los Angeles, California, United States; Molecular, cellular and integrative physiology Interdependent PhD program, University of California Los Angeles, Los Angeles, California, United States; Ophthalmology, University of California Irvine, Irvine, California, United States; University of California Irvine Gavin Herbert Eye Institute, Irvine, California, United States	B0521	137	Exhibit Hall - Seattle Convention Center	New developments in diabetic retinopathy
Sunday, May 5	1:00pm-2:45pm	Sathishkumar Chandrakumar, Xiao Yang, Mahesh Agarwal, Irene Santiago Tierno, Timothy S. Kern, Kaustabh Ghosh	Activation of mechanosensitive TRPV4 channel inhibits retinal vascular inflammation in diabetes	Ophthalmology, University of California Los Angeles, Los Angeles, California, United States; Doheny Eye Institute, Los Angeles, California, United States; Bioengineering, University of California Riverside, Riverside, California, United States; AdvanBio Inc, Irvine, California, United States; Molecular, Cellular, and Integrative Physiology Interdepartmental PhD Program, University of California Los Angeles, Los Angeles, California, United States; Ophthalmology, University of California Irvine, Irvine, California, United States; University of California Irvine Gavin Herbert Eye Institute, Irvine, California, United States	B0470	137	Exhibit Hall - Seattle Convention Center	New developments in diabetic retinopathy
Sunday, May 5	1:00pm-2:45pm	Michael S. Ip	Impact of exposure to residual intraretinal fluid and fluctuations of central subfield thickness on visual outcomes in eyes with macular edema following central retinal vein occlusion: A 1-year post hoc analysis of the COPERNICUS and GALILEO trials	Doheny Eye Institute, Los Angeles, California, United States; University of California Los Angeles, Los Angeles, California, United States	B0369	136	Exhibit Hall - Seattle Convention Center	Retina miscellaneous I
Sunday, May 5	1:00pm-2:45pm	Kaustabh Ghosh, Sathishkumar Chandrakumar, Irene Santiago Tierno, Mahesh Agarwal, Emma S. Lessieur, Timothy S. Kern	Role of Lysyl Oxidase in the Mechanoregulation of Retinal Vascular Inflammation and Degeneration in diabetes	Ophthalmology, University of California Los Angeles, Los Angeles, California, United States; Doheny Eye Institute, Pasadena, California, United States; Molecular, Cellular, and Integrative Physiology Interdepartmental PhD Program, University of California Los Angeles, Los Angeles, California, United States; Ophthalmology, University of California Irvine, Irvine, California, United States; University of California Irvine Gavin Herbert Eye Institute, Irvine, California, United States	B0519	137	Exhibit Hall - Seattle Convention Center	New developments in diabetic retinopathy

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Sunday, May 5	1:00pm-2:45pm	Puja Mehta, John M. Rouhana, Andrew R. Hamel, Sudeep Mehrotra, Jayshree Advani, Milton English, Deborah A. Ferrington, Anand Swaroop, Ayellet Segre	Genetic regulation of splicing in human retina highlights the visual cycle as an emerging pathway in age-related macular degeneration (AMD)	Ocular Genomics Institute, Massachusetts Eye and Ear Department of Ophthalmology, Massachusetts Eye and Ear Department of Ophthalmology, Boston, MA, US, academic/hospital, Boston, Massachusetts, United States; Department of Ophthalmology, Harvard Medical School, Boston, Massachusetts, United States; Neurobiology, Neurodegeneration and Repair Laboratory, National Eye Institute, National Institutes of Health, National Institutes of Health, Bethesda, MD, US, govt/health, Bethesda, Maryland, United States; Doheny Eye Institute, Doheny Eye Institute, Los Angeles, CA, US, academic/medres, Los Angeles, California, United States	A0502	132	Exhibit Hall - Seattle Convention Center	Beyond associations: Studies in functional characterization, gene regulation and multi-omics
Sunday, May 5	1:00pm-2:45pm	Sudeep Mehrotra, Puja A, Mehta, Jayshree Advani, Deborah A. Ferrington, Anand Swaroop, Ayellet Segre	Identification and characterization of alternative splicing events in human macula and peripheral retina	Department of Ophthalmology, Ocular Genomics Institute, Boston, Massachusetts, United States; The Broad Institute of MIT and Harvard, Boston, Massachusetts, United States; National Eye Institute, National Institutes of Health, Neurobiology, Neurodegeneration and Repair Laboratory, Maryland, United States; Department of Ophthalmology and Visual Neurosciences, Minnesota, United States; Department of Ophthalmology, Doheny Eye Institute, Los Angeles, California, United States	A0495	132	Exhibit Hall - Seattle Convention Center	Beyond associations: Studies in functional characterization, gene regulation and multi-omics
Sunday, May 5	2:15pm-2:30pm	Giulia Corradetti, Louay Almidani, Maria Cristina Savastano, Valentina Cestroni, Filippo Amore, Valeria Silvestri, Alireza Mahmoudi, Jiwon Baek, Ye He, Stanislao Rizzo, Yuhua Zhang, SriniVas R. Sadda	Functional Microperimetric Correlates of OCT Structural Features in Intermediate Age-related Macular Degeneration	Department of Ophthalmology, Doheny Eye Institute, Pasadena, California, United States; Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Ophthalmology, Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Roma, Lazio, Italy; Department of Ophthalmology, Università Cattolica del Sacro Cuore Facoltà di Medicina e Chirurgia, Roma, Lazio, Italy; International Agency for the Prevention of Blindness, London, Italy; Johns Hopkins Medicine Wilmer Eye Institute, Baltimore, Maryland, United States; The Catholic University of Korea, Jongno-gu, Seoul, Korea (the Republic of)	382	114	6E - Seattle Convention Center - Arch Building	AMD: Clinical research I
Sunday, May 5	2:15pm-2:30pm	Sangwook Jin, Daniela Andrea Khalliyeh Yarur, Esteban Morales, Ella Bouris, Joseph Caprioli	A new structural metascoring across four imaging platforms to measure long-term progression in glaucoma	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	375	113	6A - Seattle Convention Center	Paper Session: Development of computational modeling, machine learning and artificial intelligence approaches in glaucoma
Sunday, May 5	2:15pm-2:30pm	Lin Zhang, Martina Cavallini, Junqiang Wang, Ruiqi Xin, Qiangge Zhang, Guoping Feng, Joshua Sanes, Yi-Rong Peng	Evolutionary and Developmental Specialization of Foveal Cell Types in the Marmoset	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	389	115	606 - Seattle Convention Center - Arch Building	Paper Session: Retinal development
Sunday, May 5	3:15pm-3:30pm	Yanzhao WANG, Folahan Adesola Ibukun, Elias Traboulsi, David G. Birch, Janet S. Sunness, Rupert Strauss, Isabelle S. Audo, Michel Michaelides, SriniVas R. Sadda, Hendrik P. Scholl, Eberhart Zrenner, Michael S. Ip, Artur V. Cideciyan, Paul S. Bernstein, Xiangrong Kong	SD-OCT Features and Macular Sensitivity in ABCA4-related Stargardt disease (STGD1)	Wilmer Eye Institute, The Johns Hopkins University School of Medicine, Baltimore, Maryland, United States; Retina Foundation of the Southwest, Dallas, Texas, United States; Cleveland Clinic Cole Eye Institute, Cleveland, Ohio, United States; Greater Baltimore Medical Center, Baltimore, Maryland, United States; Department of Ophthalmology, Medizinische Universität Graz Zentrenunabhängige Institute, Graz, Steiermark, Austria; Institut de la vision, Paris, Île-de-France, France; Moorfields Eye Hospital NHS Foundation Trust, London, London, United Kingdom; Doheny Eye Institute, Los Angeles, California, United States; Institute of Molecular and Clinical Ophthalmology Basel, Basel, Basel-Stadt, Switzerland; Eberhard Karls Universität Tübingen, Tübingen, Baden-Württemberg, Germany; Scheie Eye Institute, Philadelphia, Pennsylvania, United States; University of Utah Health John A Moran Eye Center, Salt Lake City, Utah, United States	975	975	612 - Seattle Convention Center - Arch Building	AMD imaging I
Sunday, May 5	3:15pm-5:00pm	Peri Sohnen, Peng Shang, Satinder Kaur, Sudha Swamynathan, Simran Kumar, Tomonori Hirose, Debasish Sinha, Shivalingappa K. Swamynathan	Pard3 controls the retinal pigmented epithelial apical-basal polarity, structure, and function	Ophthalmology, University of South Florida Morsani College of Medicine, Tampa, Florida, United States; Doheny Eye Institute, Los Angeles, California, United States; Ophthalmology, University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania, United States; Yokohama Shiritsu Daigaku Igakubu Daigakuin Igaku Kenkyuka, Yokohama, Kanagawa, Japan	B0159	161	Exhibit Hall - Seattle Convention Center	Retinoids and retinal diseases
Sunday, May 5	3:15pm-5:00pm	Wei-Yu(Chloe) Lai, Joseph L. Demer	Laterality targeting in graded partial inferior rectus (IR) tenotomy (GVRT) corrects lateral incomitance of hypertropia (HT) in sagging eye syndrome (SES)	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0353	157	Exhibit Hall - Seattle Convention Center	Poster Session: Strabismus
Sunday, May 5	3:15pm-5:00pm	SuJung Rodriguez, Bassam Mutawak, Joseph L. Demer, Qi Wei	Automated Generation of Geometric Models of the Globe and Extraocular Muscles (EOMs)	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0368	157	Exhibit Hall - Seattle Convention Center	Poster Session: Strabismus
Sunday, May 5	3:15pm-5:00pm	Janice J. Kim, Stacy L. Pineles, Federico G. Velez, Martín G. Martín, Yingjie Du, Ximin He	Nanostructured Hydrogels as Synthetic Muscles for the Treatment of Strabismus	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0369	157	Exhibit Hall - Seattle Convention Center	Poster Session: Strabismus
Sunday, May 5	3:15pm-5:00pm	Andrew Ryan, Thomas Chang, Joseph L. Demer, Qi Wei	Image Processing for Digitization of Hess Screen Test (HST) Charts	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0373	157	Exhibit Hall - Seattle Convention Center	Poster Session: Strabismus



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Sunday, May 5	3:15pm-5:00pm	Thomas Chang, Andrew Ryan, Ningshi Yao, Joseph L. Demer, Qi Wei	Early and late alignment effects of alternative surgeries for superior oblique (SO) palsy	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0374	157	Exhibit Hall - Seattle Convention Center	Poster Session: Strabismus
Sunday, May 5	3:15pm-5:00pm	Eunice Sze Yin Ng, Jane Hu, Arpita R. Dave, Zhichun Jiang, Roxana A. Radu	Dysfunctional endolysosomal activity in Stargardt patient-derived RPE cells	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0123	161	Exhibit Hall - Seattle Convention Center	Poster Session: Retinoids and retinal diseases
Sunday, May 5	3:15pm-5:00pm	Joanna J. Kaylor, Rikard Frederiksen, Christina Bedrosian, Melody Huang, David Stennis-Weatherspoon, Theodore Huynh, Tiffany Ngan, Varsha Mulamreddy, Alapakkam P. Sampath, Gordon Fain, Gabriel H. Travis	Identification of RDH12 as the Protein that Allows Cones to Access the Retinal Visual Cycle	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0171	161	Exhibit Hall - Seattle Convention Center	Poster Session: Retinoids and retinal diseases
Monday, May 6	8:30am-10:15am	Dina Doustmohammadi, Ramin Talebi, Victoria Tseng, Fei Yu, Ahmad Santana, Anne Coleman	Association Between Diabetic Retinopathy and Self-Reported Diabetes in the National Institutes of Health 'All of Us' Research Program.	California Northstate University College of Medicine, Elk Grove, California, United States; Thomas Jefferson University Sidney Kimmel Medical College, Philadelphia, Pennsylvania, United States; Department of Ophthalmology, Stein and Doheny Eye Institutes, University of California, Los Angeles, Los Angeles, California, United States; Department of Biostatistics, University of California Los Angeles Jonathan and Karin Fielding School of Public Health, Los Angeles, California, United States; Department of Epidemiology, University of California Los Angeles Jonathan and Karin Fielding School of Public Health, Los Angeles, California, United States	B0123	222	Exhibit Hall - Seattle Convention Center	Diabetic retinopathy - Epidemiology
Monday, May 6	8:30am-10:15am	Oren Avram, Berkin Durmus, Nadav Rakocz, Giulia Corradetti, Ilan Gronau, Sriram Sankararaman, Jeffrey N. Chiang, Srinivas R. Sadda, Eran Halperin	SLIViT: a general AI framework for accurate clinical-feature diagnosis from limited 3D medical-imaging data	Computational Medicine, University of California Los Angeles, Los Angeles, California, United States; Computer Science, University of California Los Angeles, Los Angeles, California, United States; Doheny Eye Institute, Los Angeles, California, United States; Ophthalmology, University of California Los Angeles, Los Angeles, California, United States; Reichman University Efi Arazi School of Computer Science, Herzeliya, Israel	A0248	216	Exhibit Hall - Seattle Convention Center	Machine learning for classification
Monday, May 6	8:30am-10:15am	Ashley Shirriff, Maxwell Weng, Sean Ghiam, Daniel Rootman	Beyond epiphora: exploring visual comorbidity prevalence and visual acuity in patients with epiphora	Division of Orbital and Ophthalmic Plastic Surgery, Doheny and Stein Eye Institutes, University of California Los Angeles, Los Angeles, California, United States; David Geffen School of Medicine, University of California Los Angeles, Los Angeles, California, United States; Tel Aviv University School of Medicine, Tel Aviv, Tel Aviv, Israel	B0166	223	Exhibit Hall - Seattle Convention Center	Visual impairment and visual quality of life
Monday, May 6	8:30am-10:15am	Hasenin Al-khersan, Sagar Patel, Patrick C. Staropoli, James C. Major, Jessica Cao, Namrata Saroj, Srinivas R. Sadda, Michael S. Ip, Xiaomeng Niu, Hadi Moini, Alyson J. Berliner, Allen Hu, Andres Emanuelli, Charles Clifton Wykoff	Long-Term Efficacy of Intravitreal Aflibercept Injections for the Treatment of Non-Proliferative Diabetic Retinopathy among Subjects Completing the 2-Year PANORAMA Trial	Retina Consultants of Texas, Houston, Texas, United States; Retina Care, Aricebo, Puerto Rico, United States; Emanuelli Research and Development Center, Aricebo, Puerto Rico, United States; Cumberland Valley Retina Consultants, New Jersey, United States; Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Doheny Eye Institute, Los Angeles, California, United States; All Eyes Consulting, New York, United States; Regeneron Pharmaceuticals Inc, Tarrytown, New York, United States	B0107	221	Exhibit Hall - Seattle Convention Center	Diabetic retinopathy I
Monday, May 6	8:30am-10:15am	Amy Zhou, Ahmad Santana, Ramin Talebi, Fei Yu, Victoria Tseng, Anne Coleman	The Associations Between Loneliness, Social Support, and Perceived Stress and Diabetic Retinopathy in a National Database	Georgetown University School of Medicine, Washington, District of Columbia, United States; Department of Ophthalmology, Stein and Doheny Eye Institutes, University of California Los Angeles, Los Angeles, California, United States; Thomas Jefferson University Sidney Kimmel Medical College, Philadelphia, Pennsylvania, United States; Department of Biostatistics, Fielding School of Public Health, University of California Los Angeles, Los Angeles, California, United States; Department of Epidemiology, Fielding School of Public Health, University of California Los Angeles, Los Angeles, California, United States	B0138	222	Exhibit Hall - Seattle Convention Center	Diabetic retinopathy - Epidemiology
Monday, May 6	8:30am-10:15am	Jack (Qiancheng) Wang, Justin Parks, Mary K. Wilda, Jeong W. Pak, Paul VanVeldhuisen, Neal Oden, Michael S. Ip, Ingrid U. Scott, Amitha Domalpally, Barbara A. Blodi	Ultrawide Field Fluorescein Angiogram (UWF-FA) Perivascular Leakage in Retinal Vein Occlusion from SCORE2	Ophthalmology and Visual Sciences, University of Wisconsin-Madison, Madison, Wisconsin, United States; Departments of Ophthalmology and Public Health Sciences, Penn State College of Medicine, Hershey, Pennsylvania, United States; Doheny Eye Center, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; The Emmes Company LLC, Rockville, Maryland, United States	B0073	220	Exhibit Hall - Seattle Convention Center	Retinal vascular diseases and ROP I
Monday, May 6	8:30am-10:15am	Vahid Mohammadzadeh, Sean Wu, Sajad Besharati, Evan Walker, Esteban Morales, Mahshad Rafiee, Yasamin Banaei, Arthur Martinyan, Jane Zho, Fabien Scalzo, Joseph Caprioli, Kouros Nouri-Mahdavi	An Artificial Intelligence-Based Prognostic Model for Prediction of Functional Glaucoma Progression from Clinical and Structural Data	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0342	217	Exhibit Hall - Seattle Convention Center	Poster Session: Development of computational modeling, machine learning and artificial intelligence approaches in glaucoma
Monday, May 6	8:30am-10:15am	Ella Bouris, Ojo Perpetua Odugbo, Haroon Rasheed, Sangwook Jin, Zhe Fei, Esteban Morales, Joseph Caprioli	A Neural Network for the Detection of Glaucoma from Optic Disc Photographs	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0352	217	Exhibit Hall - Seattle Convention Center	Poster Session: Development of computational modeling, machine learning and artificial intelligence approaches in glaucoma

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Monday, May 6	8:30am-10:15am	Dina Doustmohammadi, Ramin Talebi, Victoria Tseng, Fei Yu, Ahmad Santana, Anne L. Coleman	Association Between Diabetic Retinopathy and Self-Reported Diabetes in the National Institutes of Health 'All of Us' Research Program.	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0123	222	Exhibit Hall - Seattle Convention Center	Poster Session: Diabetic retinopathy - Epidemiology
Monday, May 6	8:30am-10:15am	Amy Zhou, Ahmad Santana, Ramin Talebi, Fei Yu, Victoria Tseng, Anne L. Coleman	The Associations Between Loneliness, Social Support, and Perceived Stress and Diabetic Retinopathy in a National Database	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0138	222	Exhibit Hall - Seattle Convention Center	Poster Session: Diabetic retinopathy - Epidemiology
Monday, May 6	8:30am-10:15am	Maryam ashrafkhorasani, Erica Su, Sajad Besharati, Vahid Mohammadzadeh, Jane Zou, Robert Weiss, Kouros Nouri-Mahdavi	Total Deviation vs. Absolute Threshold Sensitivities for Measuring Pointwise Rates of Change	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0234	224	Exhibit Hall - Seattle Convention Center	Poster Session: Tools and advancements in glaucoma diagnosis, monitoring, medications, and lasers
Monday, May 6	8:30am-10:15am	Rutuja R. Unhale, Sophie X. Deng	Quantification of corneal stromal scar volume in a mouse corneal wounding model using anterior segment OCT and 3D reconstruction	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0464	228	Exhibit Hall - Seattle Convention Center	Poster Session: Corneal imaging and biomechanics
Monday, May 6	8:30am-10:15am	Ashley Shirriff, Maxwell Weng, Sean Ghiam, Daniel Rootman	Beyond epiphora: exploring visual comorbidity prevalence and visual acuity in patients with epiphora	Doheny Eye Institute & Stein Eye Institute	B0166	223	Exhibit Hall - Seattle Convention Center	Poster Session: Visual impairment and visual quality of life
Monday, May 6	8:45am-9:00am	Seongjin Lim, Changzoo Kim, Somaye Jafari, Joseph Park, Stephanie S. Garcia, Joseph L. Demer	3-D Digital image correlation (3D-DIC) and finite element analysis (FEA) of whole-eye scleral deformations driven by optic nerve (ON) tethering in adduction and elevated intraocular pressure (IOP).	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	1497	209	620 - Seattle Convention Center - Arch Building	Paper Session: Eye movements and extraocular muscles
Monday, May 6	9:00am-9:15am	Joseph L. Demer, Robert A. Clark	Gravity translates the human eye	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	1498	209	620 - Seattle Convention Center - Arch Building	Paper Session: Eye movements and extraocular muscles
Monday, May 6	3:00pm-3:15pm	Xiaolin Wang, Ruixue Liu, SriniVas R. Sadda, Yuhua Zhang	In vivo imaging of the structure and metabolic function of huma retina and retinal pigment epithelium at the cellular level	Doheny Eye Institute, Los Angeles, California, United States; Ophthalmology, University of California Los Angeles, Los Angeles, California, United States	2173	242	Tahoma 2 - Seattle Convention Center - Arch Building	Progress on adaptive optics imaging
Monday, May 6	3:00pm-4:45pm	Swetha Bindu Velaga, Muneeswar Gupta Nittala, Gihan Samarasinghe, Devinder Chauhan, Charles Clifton Wykoff, SriniVas R. Sadda	Accuracy of Automated Subretinal Fluid Volume Quantification Using the Macuject Algorithm	Doheny Eye Institute, Los Angeles, California, United States; Macuject Pty Ltd, Melbourne, Victoria, Australia; Retina Consultants of Texas, Houston, Texas, United States	A0130	247	Exhibit Hall - Seattle Convention Center	AMD-2 (imaging)
Monday, May 6	3:00pm-4:45pm	Sophiana Maya Michele Lindenberg, Alireza Mahmoudi, Deniz Oncel, Giulia Corradetti, Damla Oncel, Mehdi Emamverdi, Louay Almidani, Alireza Farahani, Yu Wakatsuki, Ye He, Stanley M. Saju, Charles Clifton Wykoff, David Sarraf, K. Bailey Freund, SriniVas R. Sadda	Acquired Vitelliform Lesions in Intermediate Age-Related Macular Degeneration: A cross-sectional study	DIRRL, Doheny Eye Institute, Pasadena, California, United States; DIRRL, Doheny Eye Institute, Pasadena, California, United States; Department of Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Retina Consultants of Texas, Houston, Texas, United States; Vitreous Retina Macula Consultants of New York, New York, New York, United States; Department of Ophthalmology, New York University Grossman School of Medicine, New York, New York, United States; Houston Methodist Hospital, Houston, Texas, United States	A0162	247	Exhibit Hall - Seattle Convention Center	AMD-2 (imaging)
Monday, May 6	3:00pm-4:45pm	Peng Shang, Helena Ambrosino, Johnson Hoang, Zhaohui Geng, Shichen Shen, Mark Eminhizer, Yekai Wang, Jun Qu, Jianhai Du, Sandra Montezuma, James Dutton, Deborah A. Ferrington	CFH (Y402H) polymorphism sensitizes mitochondria to oxidative stress in RPE cells	Doheny Eye Institute, Pasadena, California, United States; Stem Cell Institute, University of Minnesota, Minneapolis, Minnesota, United States; Department of Pharmaceutical Sciences, University at Buffalo, Buffalo, New York, United States; Department of Ophthalmology and Visual Sciences, West Virginia University, Morgantown, West Virginia, United States; Department of Ophthalmology and Visual Neurosciences, University of Minnesota, Minneapolis, Minnesota, United States; David Geffen School of Medicine, University of California Los Angeles, Los Angeles, California, United States	B0025	254	Exhibit Hall - Seattle Convention Center	Mitochondrial metabolism in retinal health and disease
Monday, May 6	3:00pm-4:45pm	Parsa Riazi Esfahani, Akshay Reddy, Nathaniel Tak, Ziyuan Chris Wang, SriniVas R. Sadda, Zhihong Hu	Comparison of Progression of Drusen in Eyes with Macular Neovascularization versus Geographic Atrophy in Eyes with Age-related Macular Degeneration	Doheny Image Analysis Laboratory, Doheny Eye Institute, Los Angeles, California, United States	A0147	247	Exhibit Hall - Seattle Convention Center	AMD-2 (imaging)
Monday, May 6	3:00pm-4:45pm	Mo Wang, Gezhi Xu, Ram Kannan, Parameswaran G. Sreekumar	Deficiency of OGC aggravates RPE EMT and subretinal fibrosis and signaling mechanisms	Department of Eye, Doheny Eye Institute, Los Angeles, California, United States; Department of Eye, Shanghai Eye Disease Prevention and Treatment Center, Shanghai, China; Eye and Ear hospital of Fudan University, Fudan University, Shanghai, Shanghai, China	B0037	254	Exhibit Hall - Seattle Convention Center	Mitochondrial metabolism in retinal health and disease
Monday, May 6	3:00pm-4:45pm	Ben Smith, Cyrus McHugh, Arlene A. Hirano, Nicholas Brecha, Steven A. Barnes	Mitochondrial reactive oxygen species act as an autaptic neuromodulator during variance adaptation in sustained alpha RGCs	Doheny Eye Institute, Los Angeles, California, United States; Neurobiology, University of California Los Angeles, Los Angeles, California, United States; Optometry and Vision Science, University of California Berkeley, Berkeley, California, United States	A0382	251	Exhibit Hall - Seattle Convention Center	RGC function, dysfunction and central processing



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Monday, May 6	3:00pm-4:45pm	Parameswaran G. Sreekumar, Feng Su, Elise Hong, James T. Handa, Deborah A. Ferrington, Srinivasa T. Reddy, Ram Kannan	Paraoxonase 2 (PON2) deficiency leads to RPE mitochondrial dysfunction and retinal degeneration.	Doheny Eye Institute, Pasadena, California, United States; Department of Neurology, David Geffen School of Medicine, University of California Los Angeles, Los Angeles, California, United States; Johns Hopkins Medicine Wilmer Eye Institute, Baltimore, Maryland, United States; UCLA Jules Stein Eye Institute, Los Angeles, California, United States; Department of Molecular and Medical Pharmacology, David Geffen School of Medicine, University of California Los Angeles, Los Angeles, California, United States; Department of Medicine, Division of Cardiology, David Geffen School of Medicine, University of California Los Angeles, Los Angeles, California, United States	B0032	254	Exhibit Hall - Seattle Convention Center	B0032: Paraoxonase 2 (PON2) deficiency leads to RPE mitochondrial dysfunction and retinal degeneration
Monday, May 6	3:00pm-4:45pm	Muneeswar Gupta Nittala, Amir Hariri, Swetha Bindu Velaga, SriniVas R. Sadda	Relation between spatial location and lesion growth rate in multifocal geographic atrophy secondary to non-neovascular age-related macular degeneration	Doheny Eye Institute, Pasadena, California, United States; Department of Ophthalmology, David Geffen School of Medicine at UCLA,, Los Angeles, California, United States	A0140	247	Exhibit Hall - Seattle Convention Center	AMD-2 (imaging)
Monday, May 6	3:00pm-4:45pm	Rouzbeh Abbasgholizadeh, Abbas Habibi, Mehdi Emamverdi, Maryam Ashrafkhorasani, Nikolas London, Erin C. Sinai, Michael Sinai, SriniVas R. Sadda	Comparison Of Blue-Light Autofluorescence and Ultrawidefield Green-Light Autofluorescence for Assessing Geographic Atrophy	Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Doheny Eye Institute Doheny Image Reading Center, Pasadena, California, United States; Retina Consultants San Diego, La Jolla, California, United States; Creighton Medical School, Phoenix, Arizona, United States; VP Clinical Development, Optos, PLC, Dunfermline, United Kingdom	A0155	247	Exhibit Hall - Seattle Convention Center	AMD-2 (imaging)
Monday, May 6	3:00pm-4:45pm	Ye He, Mengyuan Fang, Stephanie Trejo Corona, Alireza Mahmoudi, Giulia Corradetti, Sophiana Maya Michele Lindenberg, Shilo Voichanski, Charles Clifton Wykoff, David Sarraf, SriniVas R. Sadda	The Phenotype and Characteristics of Hyporeflective Cores within Drusen Associated with Progression to Atrophy in Age-related Macular Degeneration	Doheny 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; Retina Consultants of Texas, Houston, Texas, United States; Vitreoretinal Division, Shaare Zedek Medical Center, Jerusalem, Jerusalem, Israel; UCLA Jules Stein Eye Institute, Los Angeles, California, United States	A0142	247	Exhibit Hall - Seattle Convention Center	AMD-2 (imaging)
Monday, May 6	3:00pm-4:45pm	Sara Fard, Maryam Ashrafkhorasani, Abbas Habibi, Mehdi Emamverdi, Rouzbeh Abbasgholizadeh, Charles Clifton Wykoff, SriniVas R. Sadda	Comparison of the Characteristics of Inner versus Outer Intraretinal Hyper-Reflective Foci on Optical Coherence Tomography in Age-related Macular Degeneration	Department of Ophthalmology, University of Louisville School of Medicine, Louisville, Kentucky, United States; Doheny Eye Institute, Los Angeles, California, United States; University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Houston Methodist Hospital, Houston, Texas, United States; Retina Consultants of Texas, Houston, Texas, United States	A0152	247	Exhibit Hall - Seattle Convention Center	AMD-2 (imaging)
Monday, May 6	3:00pm-4:45pm	Kensington Hatcher, Birva Shah, Mark Burch, SriniVas R. Sadda	Prevalence of Outer Retinal Tubulation and Association with Geographic Atrophy Growth Among Patients in the OAKS and DERBY Trials	Apellis Pharmaceuticals Inc, Waltham, Massachusetts, United States; Doheny Eye Institute, Los Angeles, California, United States	A0124	247	Exhibit Hall - Seattle Convention Center	AMD-2 (imaging)
Monday, May 6	3:00pm-4:45pm	Xiangrong Kong, Yanzhao WANG, Folahan Adesola Ibukun, David G. Birch, Elias Traboulsi, Janet S. Sunness, Paul S. Bernstein, Isabelle S. Audo, Michel Michaelides, SriniVas R. Sadda, Hendrik P. Scholl, Eberhart Zrenner, Michael S. Ip, Sheila K. West, Artur V. Cideciyan, Rupert Strauss	Spatial and anatomic parameters from SD-OCT and associations with best corrected visual acuity (BCVA) in ABCA4-associated Stargardt Disease (STGD1)	Johns Hopkins Medicine Wilmer Eye Institute, Baltimore, Maryland, United States; Retina Foundation of the Southwest, Dallas, Texas, United States; Cleveland Clinic Cole Eye Institute, Cleveland, Ohio, United States; Greater Baltimore Medical Center, Baltimore, Maryland, United States; Department of Ophthalmology, Medizinische Universität Graz, Graz, Steiermark, Austria; Institut de la vision, Paris, Île-de-France, France; Moorfields Eye Hospital NHS Foundation Trust, London, London, United Kingdom; Doheny Eye Institute, Los Angeles, California, United States; Institute of Molecular and Clinical Ophthalmology Basel, Basel, Basel-Stadt, Switzerland; Eberhard Karls Universität Tübingen, Tübingen, Baden-Württemberg, Germany; Scheie Eye Institute, Philadelphia, Pennsylvania, United States; Moran Eye Center, University of Utah Health, Salt Lake City, Utah, United States	A0266	249	Exhibit Hall - Seattle Convention Center	Machine learning: Progress on segmentation and other developments
Monday, May 6	3:00pm-4:45pm	Ye He, Mengyuan Fang, Stephanie Trejo Corona, Alireza Mahmoudi, Giulia Corradetti, Sophiana Maya Michele Lindenberg, Shilo Voichanski, Charles Clifton Wykoff, David Sarraf, SriniVas R. Sadda	The Phenotype and Characteristics of Hyporeflective Cores within Drusen Associated with Progression to Atrophy in Age-related Macular Degeneration	Doheny Eye Institute & Stein Eye Institute	A0142	247	Exhibit Hall - Seattle Convention Center	Poster Session: AMD-2 (imaging)
Monday, May 6	3:00pm-4:45pm	Sophiana Maya Michele Lindenberg, Alireza Mahmoudi, Deniz Oncel, Giulia Corradetti, Damla Oncel, Mehdi Emamverdi, Louay Almidani, Alireza Farahani, Yu Wakatsuki, Ye He, Stanley M. Saju, Charles Clifton Wykoff, David Sarraf, K. Bailey Freund, SriniVas R. Sadda	Acquired Vitelliform Lesions in Intermediate Age-Related Macular Degeneration: A cross-sectional study	Doheny Eye Institute & Stein Eye Institute	A0162	247	Exhibit Hall - Seattle Convention Center	Poster Session: AMD-2 (imaging)
Monday, May 6	3:00pm-4:45pm	Nathan Siu, Micah Vinet, Sheyla Gonzalez, Pratistha Singh, Leya Weber, Corey Arnold, William Speier, Sophie Xiaohui Deng	Adapting Cellpose for Segmentation and Quantification of Cultivated Limbal Stem Cells	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0275	249	Exhibit Hall - Seattle Convention Center	Poster Session: Machine learning: Progress on segmentation and other developments
Monday, May 6	3:00pm-4:45pm	Micah Vinet, Nathan Siu, Rutuja R. Unhale, Clemence Bonnet, Thanachaporn Kittipibul, Corey Arnold, William Speier, Sophie Xiaohui Deng	Deep Learning Model for Segmenting the Epithelial Layer in Anterior Segment Optical Coherence Tomography	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0286	249	Exhibit Hall - Seattle Convention Center	Poster Session: Machine learning: Progress on segmentation and other developments



Day	Time	Name	Title	Institution(s)	Poster or Abstract No.	Session Number	Session Location	Session Title
Monday, May 6	3:00pm-4:45pm	Ramin Talebi, Fei Yu, Victoria L. Tseng, Anne L. Coleman	The Association Between Food Insecurity and Chronic Eye Disease in the National Institutes of Health All of Us Research Program	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0318	250	Exhibit Hall - Seattle Convention Center	Poster Session: Big Data and HER analysis
Monday, May 6	3:00pm-4:45pm	Victoria L. Tseng, Ken Kitayama, Fei Yu, Anne L. Coleman	Associations between Socioeconomic Factors and Prevalence of Neovascular Glaucoma in the California Medicare Population	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0329	250	Exhibit Hall - Seattle Convention Center	Poster Session: Big Data and HER analysis
Monday, May 6	3:00pm-4:45pm	Catherine Cascavita, Allan Puran, Ramin Talebi, Fei Yu, Victoria L. Tseng, Anne L. Coleman	The Association Between Glaucoma and Depression Severity in the California Medicare Population	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0330	250	Exhibit Hall - Seattle Convention Center	Poster Session: Big Data and HER analysis
Monday, May 6	3:00pm-4:45pm	Martin Ramirez, Ramin Talebi, Allan Puran, Timothy Banh, Fei Yu, Victoria Tseng, Anne Coleman	The Association Between Glaucoma Sub-types, Migraines, and Ophthalmologic Migraines in California Medicare Beneficiaries	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0332	250	Exhibit Hall - Seattle Convention Center	Poster Session: Big Data and HER analysis
Monday, May 6	3:00pm-4:45pm	Ben Smith, Cyrus McHugh, Arlene A. Hirano, Nicholas Brecha, Steven A. Barnes	Mitochondrial reactive oxygen species act as an autaptic neuromodulator during variance adaptation in sustained alpha RGCs	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0382	251	Exhibit Hall - Seattle Convention Center	Poster Session: RGC function, dysfunction and central processing
Monday, May 6	3:00pm-4:45pm	Faycal Moujane, C Zhang, R Knight, JY Lee, Sophie Xiaohui Deng, Jie J. Zheng	Corneal stromal stem cell-derived extracellular vesicles attenuate ANGPTL7 expression in human trabecular meshwork	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0430	252	Exhibit Hall - Seattle Convention Center	Poster Session: Glaucoma and biomechanics
Monday, May 6	3:00pm-4:45pm	Simon S M Fung, Thanachaporn Kittipibul, Wenlin Zhang, Vivian Shibayama, Saba Al-Hashimi, Sophie Xiaohui Deng, Anthony Aldave	Structural and functional changes of corneal innervation after treatment with cenegermin	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0422	257	Exhibit Hall - Seattle Convention Center	Poster Session: Corneal neuropathy and ocular pain
Monday, May 6	3:30pm-3:45pm	Arpita R. Dave, Eunice Sze Yin Ng, Zhichun Jiang, Jeffrey Doeve, Jordan Tatang, Jane Coffman, Roxana A. Radu	Lipid-retinoid Accumulation in the Retinal pigment epithelial cells of Recessive Stargardt Disease is mediated by DGAT1	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	2182	243	Tahoma 3 - Seattle Convention Center - Arch Building	Paper Session: RPE degeneration and aging
Monday, May 6	3:45pm-4:00pm	Rikard Frederiksen, Junqiang Wang, Lin Zhang, Martina Cavallini, Ali Pahlevan, Junwei Sun, Ala Morshedian, Alapakkam P. Sampath, Yi-Rong Peng, Gordon Fain	Evolution of Bipolar Cells	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	2190	244	Tahoma 5 - Seattle Convention Center -Arch Building	Paper Session: Photoreceptors and outer retina
Monday, May 6	4:00pm-4:15pm	Irene Santiago Tierno, Mahesh Agarwal, Sathishkumar Chandrakumar, Kaustabh Ghosh	Abnormal subendothelial matrix exacerbates choroidal endothelial cell death in early age-related macular degeneration	Doheny Eye Institute, Pasadena, California, United States; Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States	2105	231	6A - Seattle Convention Center - Arch Building	Advances in age-related macular degeneration
Monday, May 6	4:30pm-4:45pm	Giacomo Boscia, Charles Patrick O'Neill, Gihan Samarasinghe, Sophiana Maya Michele Lindenberg, Anna Urrea, Giulia Corradetti, Stephanie Mauger, SriniVas R. Sadda, Devinder Chauhan	Quantitative analysis of real-world reduction in intraretinal and subretinal fluid compartments following switch of anti-VEGF agent to faricimab in the treatment of neovascular age-related macular degeneration	Department of Translational Biomedicine Neuroscience, University of Bari "Aldo Moro", , Italy; Australian National University, Canberra, Australian Capital Territory, Australia; Macuject Pty Ltd, Victoria, Australia; Doheny Eye Institute, Pasadena, CA, California, United States; Department of Ophthalmology, David Geffen School of Medicine at UCLA, California, United States	2119	233	6E - Seattle Convention Center - Arch Building	AMD anti VEGF I
Tuesday, May 7	8:30am-10:15am	Aditya Verma, Muneeswar Gupta Nittala, Marius Facktor, Chaithanya Ramachandra, Malavika Bhaskaranand, Sandeep Bhat, Kaushal Solanki, Chaitra jayadev, Swetha B. Velaga, SriniVas R. Sadda	Prediction of progression of diabetic retinopathy using automated lesion detection of retinal hemorrhages	Doheny Eye Institute, Los Angeles, California, United States; Department of Ophthalmology and Visual Sciences, University of Louisville, Louisville, Kentucky, United States; University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Narayana Nethralaya, Bangalore, Karnataka, India; Eyenuk, Inc, California, United States	B0481	323	Exhibit Hall - Seattle Convention Center	Diabetic retinopathy II
Tuesday, May 7	8:30am-10:15am	Shani Pillar, Shin Kadomoto, Nina Cherian, Joseph Privratsky, Nicolette Zargari, Keren Chen, Nicholas Jackson, Saitiel Sandoval Gonzalez, Giulia Corradetti, SriniVas Sadda, Gary Holland, Edmund Tsui	Analysis of anterior chamber inflammation through automated quantitative assessment of swept-source anterior segment OCT images	Jules Stein Eye Institute, University of California Los Angeles, Los Angeles, California, United States; Department of Ophthalmology, Kyoto Daigaku Daigakuin Igaku Kenkyuka Igakubu, Kyoto, Kyoto, Japan; Department of Medicine, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Doheny Eye Institute, Los Angeles, California, United States	A0183	317	Exhibit Hall - Seattle Convention Center	Immunology/Microbiology
Tuesday, May 7	8:30am-10:15pm	Joseph Privratsky, Shani Pillar, Shin Kadomoto, Nicolette Zargari, Nina Cherian, Saitiel Sandoval Gonzalez, Keren Chen, Nicholas Jackson, Giulia Corradetti, SriniVas R. Sadda, Gary Holland, Edmund Tsui	Comparison of swept-source AS-OCT versus spectral domain AS-OCT in the automated quantification of anterior chamber cells	UCLA Jules Stein Eye Institute, Los Angeles, California, United States; Kyoto Daigaku Daigakuin Igaku Kenkyuka Igakubu, Kyoto, Kyoto, Japan; Medicine, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Doheny Eye Institute, Los Angeles, California, United States	A0184	317	Exhibit Hall - Seattle Convention Center	Clinical and experimental advances in the analysis of ocular inflammation
Tuesday, May 7	8:30am-10:15am	Saitiel Sandoval Gonzalez, Shani Pillar, Shin Kadomoto, Joseph Privratsky, Nina Moitra Cherian, Nicolette Zargari, Keren Chen, Nicholas Jackson, Giulia Corradetti, SriniVas R. Sadda, Gary Holland, Edmund Tsui	Utility of swept-source anterior segment OCT for evaluation of anterior chamber cells in children with juvenile idiopathic arthritis	UCLA Jules Stein Eye Institute, Los Angeles, California, United States; Kyoto Daigaku Daigakuin Igaku Kenkyuka Igakubu, Kyoto, Kyoto, Japan; Medicine, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Doheny Eye Institute, Los Angeles, California, United States	A0186	317	Exhibit Hall - Seattle Convention Center	Clinical and experimental advances in the analysis of ocular inflammation

Day	Time	Name	Title	Institution(s)	Poster or Abstract No.	Session Number	Session Location	Session Title
Tuesday, May 7	8:30am-10:15am	Edmund Tsui	Moderator: Clinical and experimental advances in the analysis of ocular inflammation	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA		317	Exhibit Hall - Seattle Convention Center	Immunology/Microbiology
Tuesday, May 7	8:30am-10:15am	Shani Pillar, Shin Kadomoto, Nina Cherian, Joseph Privratsky, Nicolette Zargari, Keren Chen, Nicholas Jackson, Saitiel Sandoval Gonzalez, Giulia Corradetti, SriniVas Sadda, Gary Holland, Edmund Tsui	Analysis of anterior chamber inflammation through automated quantitative assessment of swept-source anterior segment OCT images	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0183	317	Exhibit Hall - Seattle Convention Center	Poster Session: Clinical and experimental advances in the analysis of ocular inflammation
Tuesday, May 7	8:30am-10:15am	Joseph Privratsky, Shani Pillar, Shin Kadomoto, Nicolette Zargari, Nina Cherian, Saitiel Sandoval Gonzalez, Keren Chen, Nicholas Jackson, Giulia Corradetti, SriniVas R. Sadda, Gary Holland, Edmund Tsui	Comparison of swept-source AS-OCT versus spectral domain AS-OCT in the automated quantification of anterior chamber cells	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0184	317	Exhibit Hall - Seattle Convention Center	Poster Session: Clinical and experimental advances in the analysis of ocular inflammation
Tuesday, May 7	8:30am-10:15am	Saitiel Sandoval Gonzalez, Shani Pillar, Shin Kadomoto, Joseph Privratsky, Nina Moitra Cherian, Nicolette Zargari, Keren Chen, Nicholas Jackson, Giulia Corradetti, SriniVas R. Sadda, Gary Holland, Edmund Tsui	Utility of swept-source anterior segment OCT for evaluation of anterior chamber cells in children with juvenile idiopathic arthritis	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0186	317	Exhibit Hall - Seattle Convention Center	Poster Session: Clinical and experimental advances in the analysis of ocular inflammation
Tuesday, May 7	8:45am-9:00am	Aamir Abdul Aziz, Hannah Khan, Mark Rami Barakat, Ramanath Bhandari, Emmanuel Chang, Giulia Corradetti, Carl J. Danzig, Jordan M Graff, Nikolas JS London, Jared Nielsen, Veeral Sheth, Jeremy Wolfe, Robert William Wong, SriniVas R. Sadda, Michael Andrew Singer, Arshad M. Khanani	The Real-World Efficacy and Safety of Faricimab in Neovascular Age-Related Macular Degeneration: The TRUCKEE Study - 2 Year Results	University of Nevada Reno School of Medicine, Reno, Nevada, United States; Retinal Consultants of Arizona, Phoenix, Arizona, United States; Springfield Clinic Eye Institute, Springfield, Illinois, United States; Retina & Vitreous of Texas, Houston, Texas, United States; Rand Eye Institute, Deerfield Beach, Florida, United States; Barnet Dulaney Perkins Eye Center, Phoenix, Arizona, United States; Doheny Eye Institute, Los Angeles, California, United States; Retina Consultants San Diego, Poway, California, United States; Wolfe Eye Clinic, West Des Moines, Iowa, United States; University Retina and Macula Associates PC, Chicago, Illinois, United States; Associated Retinal Consultants, Royal Oak, Michigan, United States; Austin Retina Associates, Austin, Texas, United States; Medical Center Ophthalmology Associates, San Antonio, Texas, United States; Sierra Eye Associates, Reno, Nevada, United States	2789	306	612 - Seattle Convention Center - Arch Building	AMD: Clinical research II
Tuesday, May 7	10:00am-10:15am	Jiwon Baek, Ye He, Mehdi Emamverdi, Alireza Mahmoudi, Muneeswar Gupta Nittala, Giulia Corradetti, Michael S. Ip, SriniVas R. Sadda	Prediction of Long-term Anatomic Treatment Outcomes for Diabetic Macular Edema using a Generative Adversarial Network	DIRRL, Doheny Eye Institute, Los Angeles, California, United States; Ophthalmology, The Catholic University of Korea College of Medicine, Seoul, Seoul, Korea (the Republic of); Doheny Eye Institute Doheny Image Reading Center, Los Angeles, California, United States	2834	312	Tahoma 2 - Seattle Convention Center - Arch Building	Anterior segment imaging plus AI in Alzheimer's, glaucoma, and retina
Tuesday, May 7	1:15pm-3:00pm	Ruixue Liu, Xiaolin Wang, SriniVas R. Sadda, Yuhua Zhang	Precise Measurement of Retinal Autofluorescence Lifetime in the Human Eye	Doheny Eye Institute, Los Angeles, California, United States; Ophthalmology, University of California Los Angeles, Los Angeles, California, United States	A0264	339	Exhibit Hall - Seattle Convention Center	Optics, imaging, and retinal function
Tuesday, May 7	1:15pm-3:00pm	Berkin Durmus, Oren Avram, Giulia Corradetti, Sriram Sankararaman, Srinivas R. Sadda, Eran Halperin, Jeffrey N. Chiang	A generative AI model for accurate reconstruction of retinal blood flow from static OCT scans	Computer Science, University of California Los Angeles, Los Angeles, California, United States; Computational Medicine, University of California Los Angeles, Los Angeles, California, United States; Doheny Eye Institute Doheny Image Reading Center, Los Angeles, California, United States; Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States	A0350	340	Exhibit Hall - Seattle Convention Center	AO, functional imaging, and new OCTA developments
Tuesday, May 7	1:15pm-3:00pm	Yahel Shwartz, Oren Avram, Berkin Durmus, Giulia Corradetti, Charles Clifton Wykoff, SriniVas R. Sadda, Sriram Sankararaman, Jaime Levi, Jeffrey N. Chiang, Eran Halperin, Itay Chowers, Liran Tiosano	Automated Imputation of cRORA from OCT Scans using a Semi-Supervised AI Approach	Hadassah University Medical Center, Jerusalem, Jerusalem, Israel; Department of Computational Medicine, University of California Los Angeles, Los Angeles, California, United States; Department of Computer Science, University of California Los Angeles, Los Angeles, California, United States; Doheny Eye Institute, University of California Los Angeles, Los Angeles, California, United States; Department of Ophthalmology, University of California Los Angeles, Los Angeles, California, United States; Retina Consultants of America, Retina Consultants of Texas, Houston, Texas, United States; Department of Neurosurgery, University of California Los Angeles, Los Angeles, California, United States	B0413	348	Exhibit Hall - Seattle Convention Center	AI in the retina II
Tuesday, May 7	1:15pm-3:00pm	Folahan Adesola Ibukun, Yanzhao Wang, Artur V. Cideciyan, David G. Birch, Janet S. Sunness, Isabelle S. Audo, Michel Michaelides, Elias Traboulsi, SriniVas R. Sadda, Michael S. Ip, Hendrik P. Scholl, Rupert Strauss, Xiangrong Kong	Longitudinal structure-function (S-F) relationship between short-wavelength autofluorescence (SW-FAF) and macular sensitivity (MS) in ABCA4-associated Stargardt (STGD1) disease	Johns Hopkins Medicine Wilmer Eye Institute, Baltimore, Maryland, United States; Scheie Eye Institute, Philadelphia, Pennsylvania, United States; Retina Foundation of the Southwest, Dallas, Texas, United States; Greater Baltimore Medical Center, Baltimore, Maryland, United States; Sorbonne Université, INSERM, CNRS, Institut de la Vision; CHNO des Quinze-Vingts, Centre de Référence Maladies Rares REFERET and INSERM-DGOS CIC, Paris, Paris, France; Moorfields Eye Hospital NHS Foundation Trust, London, London, United Kingdom; Cole Eye Institute, Cleveland Clinic, Cleveland, Ohio, United States; Doheny Eye Institute Doheny Image Reading Center, Los Angeles, California, United States; Institute of Molecular and Clinical Ophthalmology Basel, Basel, Switzerland; Department of Ophthalmology, University of Basel, Basel, Switzerland; Department of Ophthalmology, Medical University of Graz, Graz, Austria	A0265	339	Exhibit Hall - Seattle Convention Center	Optics, imaging, and retinal function



Day	Time	Name	Title	Institution(s)	Poster or Abstract No.	Session Number	Session Location	Session Title
Tuesday, May 7	1:15pm-3:00pm	Allison Hyttinen, Micaela R. Gobeille, Ava K. Bittner, Alexis G. Malkin, Cecillia Idman-Rait, Nicole Ross	Factors associated with self-reported vision changes in seniors with vision impairment	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0230	338	Exhibit Hall - Seattle Convention Center	Poster Session: Low vision performance assessment
Tuesday, May 7	1:15pm-3:00pm	Sajad Besharati, Vahid Mohammadzadeh, maryam ashrafkhorasani, Golnoush Mahmoudinezhad, Alaiza Guerrero, jane Zou, Mahshad Rafiee, Evelyn Kung, Qiang Fu, JoAnn Giacconi, Anne L. Coleman, Simon K. Law, Joseph Caprioli, Kouros Nouri-Mahdavi	Comparative Outcomes of Primary Trabeculectomy with Mitomycin C in Patients of Hispanic vs. European Descent	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0091	342	Exhibit Hall - Seattle Convention Center	Poster Session: Tools and advancements in glaucoma surgery
Tuesday, May 7	1:15pm-3:00pm	Agustina de Gainza, Daniela Andrea Khaliliyeh Yarur, Sangwook Jin, Esteban Morales, Alessandro Rabiolo, Joseph Caprioli	Risk factors for clinical hypotony after trabeculectomy	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0093	342	Exhibit Hall - Seattle Convention Center	Poster Session: Tools and advancements in glaucoma surgery
Tuesday, May 7	1:15pm-3:00pm	Alessandro Rabiolo, Giacinto Triolo, Andrea Servillo, Anand Nitin, Daniela Andrea Khaliliyeh Yarur, Sangwook Jin, Esteban Morales, Giovanni Montesano, Gianni Virgili, Joseph Caprioli, Stefano De Cilla	Impact of Different Literature-based High Intraocular Pressure Failure Criteria on Success Rates of Glaucoma Surgery	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0112	342	Exhibit Hall - Seattle Convention Center	Poster Session: Tools and advancements in glaucoma surgery
Tuesday, May 7	1:15pm-3:00pm	Promporn Patarajierapun, Raul H. Plasencia Salini, Wenlin Zhang, Vivian Shibayama, Saba Al-Hashimi, Tania Onclinx, Joseph L. Demer, Simon Fung	Discovery of tear film biomarkers in pediatric blepharokeratoconjunctivitis	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0291	345	Exhibit Hall - Seattle Convention Center	Poster Session: Conjunctiva, ocular surface in health and disease
Tuesday, May 7	1:15pm-3:00pm	Elise L. Ma, Liane Dallalzadeh, Simon S M Fung	Longitudinal clinical outcomes for treatment of severe vernal keratoconjunctivitis with Cyclosporine A 0.1% in the United States	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0325	346	Exhibit Hall - Seattle Convention Center	Cornea: Other
Tuesday, May 7	2:30pm-2:45pm	Michael B. Gorin, Leonide Saad, Gabrielle DeBartolomeo, Ilyas Washington, Hendrik P. Scholl, Marc T. Mathias, Philip Ferrone, Christine Nichols Kay	Gildeuretinol Arrested Stargardt Disease, The TEASE-3 Study	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	3310	334	Yakima 1 - Seattle Convention Center - Arch Building	Paper Session: Retina/RPE treatment: New drugs, delivery methods, and mechanisms of action
Tuesday, May 7	3:30pm-3:45pm	J. Sebag, Justin H. Nguyen, Kenneth MP Yee, Jonathan Mamou, Cameron Hoerig, Ronald H. Silverman, Jeffrey Ketterling	Asteroid Hyalosis Degrades Contrast Sensitivity	VMR Institute for Vitreous Macula Retina, Huntington Beach, California, United States; Doheny Eye Institute, Los Angeles, California, United States; Radiology, Weill Cornell Medicine, New York, New York, United States; Ophthalmology, Columbia University Irving Medical Center, New York, New York, United States	3854	356	612 - Seattle Convention Center - Arch Building	Vitreoretinal surgery
Tuesday, May 7	3:30pm-5:15pm	Yeunjo E. Song, Jessica Cooke Bailey, Farid Rajabli, Muneeswar Gupta Nittala, Renee A. Laux, Kristy Miskimen, Daniel A. Dorfsman, SriniVas R. Sadda, Dwight Stambolian, Margaret A. Pericak-Vance, William K. Scott, Jonathan L. Haines	Multivariate Genome-wide Association Study of OCT-derived biomarkers for AMD in the Amish Eye Study	Population and Quantitative Health Sciences, Case Western Reserve University, Cleveland, Ohio, United States; Pharmacology and Toxicology, East Carolina University, Greenville, North Carolina, United States; Hussman Institute for Human Genomics, University of Miami Miller School of Medicine, Miami, Florida, United States; Doheny Eye Institute, University of California Los Angeles, Los Angeles, California, United States; Ophthalmology, University of Pennsylvania Perelman School of Medicine, Philadelphia, Pennsylvania, United States	B0693	375	Exhibit Hall - Seattle Convention Center	Genetic variation underlying disease
Tuesday, May 7	3:30pm-5:15pm	William K. Scott, Farid Rajabli, Jessica Cooke Bailey, Daniel A. Dorfsman, Yeunjo E. Song, Muneeswar Gupta Nittala, SriniVas R. Sadda, Dwight E. Stambolian, Jonathan L. Haines, Margaret A. Pericak-Vance	Resistance to AMD pathology after age 75 is suggestively linked and associated with a region on chromosome 2q12.2 in the Amish Eye Study	Hussman Institute for Human Genomics, University of Miami Miller School of Medicine, Miami, Florida, United States; Center for Health Disparities, Department of Pharmacology & Toxicology, East Carolina University Brody School of Medicine, Greenville, North Carolina, United States; Population and Quantitative Health Sciences, Case Western Reserve University School of Medicine, Cleveland, Ohio, United States; Doheny Eye Institute, University of California Los Angeles, Los Angeles, California, United States; Ophthalmology, University of Pennsylvania Perelman School of Medicine, Philadelphia, Pennsylvania, United States	B0682	375	Exhibit Hall - Seattle Convention Center	Genetic variation underlying disease
Tuesday, May 7	3:30pm-5:15pm	Hamid Hosseini, Reza Kianian, Weilin Song, Deyu Sun, Judy Figueroa, Jack B. Margines, Jiwei Sheng, Kirk Hou, Pradeep Prasad	Vitrectomy in eyes with diabetic retinopathy and light perception vision: a comprehensive outcome analysis	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0136	368	Exhibit Hall - Seattle Convention Center	Poster Session: Vitreoretinal surgery and retinal detachment II
Tuesday, May 7	3:30pm-5:15pm	Durga Ganesh, Junru Yan, Jennifer Vu, Shawn R. Lin	Developing a self-guided, multi-part educational module for slit lamp training	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0653	374	Exhibit Hall - Seattle Convention Center	Poster Session: Teaching, training and education
Tuesday, May 7	3:30pm-5:15pm	Michael B. Gorin	Retina miscellaneous: Clinical	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA		352	6E - Seattle Convention Center - Arch Building	Paper Session: Retina miscellaneous: Clinical
Tuesday, May 7	3:45pm-4:00pm	Ayesha Nuri Karamat, Stephanie Mauger, Charles Patrick O'Neill, Anna Urrea, Giulia Corradetti, Devinder Chauhan, Gihan Samarasinghe, SriniVas R. Sadda	Real-World Prevalence and Progress of Intraretinal and Subretinal Fluid in Eyes Switched to Faricimab for the treatment of Neovascular Age-Related Macular Degeneration	Doheny Eye Institute Doheny Image Reading Center, Los Angeles, California, United States; Australian National University, Canberra, Australian Capital Territory, Australia; University of California Los Angeles, Los Angeles, California, United States	3827	352	6E - Seattle Convention Center - Arch Building	Retina miscellaneous: Clinical



Day	Time	Name	Title	Institution(s)	Poster or Abstract No.	Session Number	Session Location	Session Title
Tuesday, May 7	5:00pm-5:15pm	SriniVas R. Sadda, Se Joon Woo, Mario Bradvica, Attila Vajas, Min Sagong, Jan Ernest, Jan Studnicka, Miroslav Veith, Edward Wylegala, Sunil Patel, Cheolmin Yun, Inkyung Oh, Hyerin Jang, Taehyung Kim, Wooree Choi, Neil M. Bressler	Post Hoc Analysis of a Phase 3 Trial on SB15 (Proposed Aflibercept Biosimilar): Assessment on Pre-to-Post Switching Efficacy and Safety in Neovascular Age-related Macular Degeneration	Doheny Eye Institute, Pasadena, California, United States; Ophthalmology, University of California Los Angeles, Los Angeles, California, United States; Seoul National University Bundang Hospital, Seongnam, Korea (the Republic of); Faculty of Medicine, University Josip Juraj Strossmayer Osijek, Croatia; University of Debrecen, Clinical Center, Department of Ophthalmology, Hungary; Yeungnam University Hospital, Korea (the Republic of); Axon Clinical s.r.o., Czechia; Department of Ophthalmology, University Hospital Hradec Kralove, Czechia; Ophthalmology Clinic Univerzity Hospital Kralovske Vinohrady and rd Faculty of Medicine Charles Univerzity, Czechia; Retina Research Institute of Texas, Texas, United States; Korea University Ansan Hospital, Korea (the Republic of); Samsung Bioepis, Korea (the Republic of); Johns Hopkins University School of Medicine, Maryland, United States; Gabinet Okulistyczny Prof. Edward Wylegala, Poland	3832	352	6E - Seattle Convention Center - Arch Building	Post Hoc Analysis of a Phase 3 Trial on SB15 (Proposed Aflibercept Biosimilar): Assessment on Pre-to-Post Switching Efficacy and Safety in Neovascular Age-related Macular Degeneration
Tuesday, May 7	5:00pm-5:15pm	Aya Barzelay, Yu-Ting Lai, yasamin Fourotoni, Mia Reyes, Steven Schwartz, Tsu-Chin Tsao	Transforming Retinal Surgery: Pioneering Robotic Arm and Intraocular Imaging Probes Redefine the Landscape of retinal surgery	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	3860	356	612 - Seattle Convention Center - Arch Building	Paper Session: Vitreoretinal surgery
Wednesday, May 8	10:30am-12:15pm	Anna Urrea, Charles Patrick O'Neill, Gihan Samarasinghe, Stephanie Mauger, Giang Do, Sophiana Maya Michele Lindenberg, Ayesha Nuri Karamat, Giulia Corradetti, Muneeswar Gupta Nittala, Devinder Chauhan, SriniVas R. Sadda	Early real-world fluid-free treatment interval extension following switch to faricimab in the treatment of neovascular age-related macular degeneration with a treat and extend regimen - the first 9 months	Doheny Eye Institute, Pasadena, California, United States; Australian National University, Acton, Australian Capital Territory, Australia; Macuject Pty Ltd, Kew, Victoria, Australia; Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Vision Eye Institute Ltd, Melbourne, Victoria, Australia	A0103	416	Exhibit Hall - Seattle Convention Center	AMD-3 (clinical research)
Wednesday, May 8	10:30am-12:15pm	Steven A. Barnes, Benjamin Smith, Xiangmei Zhang, Duc Hoang, Katherine Pohl, Xian-Jie Yang	Electrophysiological properties distinguish OPA1 mutant and isogenic control pluripotent stem cell-derived human retinal ganglion cells	Doheny Eye Institute, Pasadena, California, United States; Ophthalmology, University of California Los Angeles, Los Angeles, California, United States; Ophthalmology, UCLA Jules Stein Eye Institute, Los Angeles, California, United States; UCLA Jules Stein Eye Institute, Los Angeles, California, United States	B0222	419	Exhibit Hall - Seattle Convention Center	Stem cell models of retinal development and disease
Wednesday, May 8	10:30am-12:15pm	Alireza Mahmoudi, Sophiana Maya Michele Lindenberg, Giulia Corradetti, Mehdi Emamverdi, Deniz Oncel, Damla Oncel, Jiwon Baek, Alireza Farahani, Louay Almidani, Ye He, Rouzbeh Abbasgholizadeh, Stanley M. Saju, Charles Clifton Wykoff, David Sarraf, K Bailey Freund, SriniVas R. Sadda	Predictive Factors Influencing the Evolution of Acquired Vitelliform Lesions in Eyes with Intermediate Age-related Macular Degeneration	Doheny Eye Institute, Los Angeles, California, United States; University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Retina Consultants of Texas, Houston, Texas, United States; New York University Grossman School of Medicine, New York, New York, United States	A0073	416	Exhibit Hall - Seattle Convention Center	AMD-3 (clinical research)
Wednesday, May 8	10:30am-12:15pm	Xian-Jie Yang, Katherine Pohl, Xiangmei Zhang, Johnny Ji, Duc Hoang, Benjamin Smith, Steven A. Barnes	Establishing isogenic pluripotent stem cell-based models for OPA1 mutation-caused dominant optic atrophy	Ophthalmology, UCLA Stein Eye Institute, Los Angeles, California, United States; Ophthalmology, UCLA Doheny Eye institute, Acadia, California, United States	B0209	419	Exhibit Hall - Seattle Convention Center	Stem cell models of retinal development and disease
Wednesday, May 8	10:30am-12:15pm	Kathryn Stucker, Giang Do, Charles Patrick O'Neill, Stephanie Mauger, Gihan Samarasinghe, Anna Urrea, Giulia Corradetti, Devinder Chauhan, Sophiana Maya Michele Lindenberg, Ayesha Nuri Karamat, Muneeswar Gupta Nittala, SriniVas R. Sadda	Association between visual outcomes and macular fluid subtypes at initiation of anti-VEGF treatment for neovascular age-related macular degeneration - a real-world study	Ophthalmology, University of Louisville, Louisville, Kentucky, United States; Australian National University, Canberra, Australian Capital Territory, Australia; Macuject Pty Ltd, Victoria, Australia; Doheny Eye Institute, Los Angeles, California, United States; Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States	A0077	416	Exhibit Hall - Seattle Convention Center	AMD-3 (clinical research)
Wednesday, May 8	10:30am-12:15pm	Raja Narayanan, Srishti Raksheeth Ramamurthy, Ritesh Narula, Nikitha Gurram Reddy, Saarang Hansraj, Mudit Tyagi, SriniVas R. Sadda	A Randomized, Placebo-controlled Study of the Efficacy, Safety and Tolerability of Intravitreal Brolucizumab in patients with Chronic Central Serous Retinopathy with persistent fluid in the absence of choroidal neovascular membrane – interim analysis	Anant Bajaj Retina Institute, LV Prasad Eye Institute, Hyderabad, Telangana, India; Indian Health Outcomes, Public Health and Economics Research Center (IHOPE), LV Prasad Eye Institute, Hyderabad, Telangana, India; LILAC Image reading center, LV Prasad Eye Institute, Hyderabad, Telangana, India; Doheny Eye Institute, Los Angeles, California, United States	A0127	417	Exhibit Hall - Seattle Convention Center	Retina miscellaneous II
Wednesday, May 8	10:30am-12:15pm	Edmund Tsui	Moderator: The future of imaging ocular inflammation is now	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA		401	3AB - Seattle Convention Center - Arch Building	Minisymposium: The future of imaging ocular inflammation is now
Wednesday, May 8	10:30am-12:15pm	Ava K. Bittner, Gianfrancesco Villani, Giulia LB Spampinato, Sara Cadoni, Mariem Dami, Ralf Hornig, Mahi Muqit	Age-related Macular Degeneration Patients' Preferences for a Retinal Prosthesis	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	4323	411	Chelan 2 - Seattle Convention Center - Arch Building	Paper Session: Vision restoration and assistive technology
Wednesday, May 8	10:30am-12:15pm	Alex R. Bowers, Patrick Baker, Ava K. Bittner, Max Estabrook, David Simpson, Kara Hanson, Sara McWilliams, Patrick D. Yoshinaga, Rachelle J. Lin, Jing Xu	Use of assistance technology by drivers with homonymous visual field loss	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	4326	411	Chelan 2 - Seattle Convention Center - Arch Building	Paper Session: Vision restoration and assistive technology
Wednesday, May 8	10:30am-12:15pm	Alireza Mahmoudi, Sophiana Maya Michele Lindenberg, Giulia Corradetti, Mehdi Emamverdi, Deniz Oncel, Damla Oncel, Jiwon Baek, Alireza Farahani, Louay Almidani, Ye He, Rouzbeh Abbasgholizadeh, Stanley M. Saju, Charles Clifton Wykoff, David Sarraf, K Bailey Freund, SriniVas R. Sadda	Predictive Factors Influencing the Evolution of Acquired Vitelliform Lesions in Eyes with Intermediate Age-related Macular Degeneration	Doheny Eye Institute & Stein Eye Institute	A0073	416	Exhibit Hall - Seattle Convention Center	Poster Session: AMD-3 (clinical research)

Day	Time	Name	Title	Institution(s)	Poster or Abstract No.	Session Number	Session Location	Session Title
Wednesday, May 8	10:30am-12:15pm	John Yo Han Lee, Faycal Moujane, Sophie Gao, Robert Damoiseaux, Sophie Xiaohui Deng	High-Throughput Quantification of Corneal Fibrosis after Treatment with Extracellular Vesicles from Human Corneal Stromal Stem Cells	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0186	418	Exhibit Hall - Seattle Convention Center	Poster Session: Corneal biology, tissue engineering, and regenerative medicine
Wednesday, May 8	10:30am-12:15pm	Xian-Jie Yang, Katherine Pohl, Xiangmei Zhang, Johnny Ji, Duc Hoang, Benjamin Smith, Steven A. Barnes	Establishing isogenic pluripotent stem cell-based models for OPA1 mutation-caused dominant optic atrophy	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0209	419	Exhibit Hall - Seattle Convention Center	Poster Session: Stem cell models of retinal development and disease
Wednesday, May 8	10:30am-12:15pm	Steven A. Barnes, Benjamin Smith, Xiangmei Zhang, Duc Hoang, Katherine Pohl, Xian-Jie Yang	Electrophysiological properties distinguish OPA1 mutant and isogenic control pluripotent stem cell-derived human retinal ganglion cells	Doheny Eye Institute & Stein Eye Institute	B0222	419	Exhibit Hall - Seattle Convention Center	Poster Session: Stem cell models of retinal development and disease
Wednesday, May 8	10:30am-12:15pm	Caleb Tan, Allan Puran, Ramin Talebi, Fei Yu, Victoria Tseng, Anne L. Coleman	Social Determinants of Health as Risk Factors for Keratoconus in the All of Us Database	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0233	420	Exhibit Hall - Seattle Convention Center	Poster Session: Keratoconus and collagen crosslinking
Wednesday, May 8	10:30am-12:15pm	Victoria L. Tseng	Moderator: Glaucoma - Epidemiology	Doheny Eye Institute & Stein Eye Institute		422	Exhibit Hall - Seattle Convention Center	Poster Session: Glaucoma - Epidemiology
Wednesday, May 8	10:30am-12:15pm	Megan Paul, Ken Kitayama, Victoria L. Tseng, Fei Yu, Anne L. Coleman	Comparing the Age of Glaucoma Diagnosis and Prevalence of Mental Health Conditions in the 'All of Us' Research Program	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0385	422	Exhibit Hall - Seattle Convention Center	Poster Session: Glaucoma - Epidemiology
Wednesday, May 8	10:30am-12:15pm	Ken Kitayama, Victoria L. Tseng, Fei Yu, Anne L. Coleman	Exposure to outdoor air pollution increases risk for incisional glaucoma surgical failure	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0410	422	Exhibit Hall - Seattle Convention Center	Poster Session: Glaucoma - Epidemiology
Wednesday, May 8	10:30am-12:15pm	Erica Su, Vahid Mohammadzadeh, Sajad Besharati, Simon K. Law, Anne Coleman, Robert Weiss, Kouros Nouri-Mahdavi	A Global Joint Bivariate Longitudinal Model for Exploring Macular Structure-Function Correlations in Glaucoma	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0419	422	Exhibit Hall - Seattle Convention Center	Poster Session: Glaucoma - Epidemiology
Wednesday, May 8	10:30am-12:15pm	John Fehilly, Rebecca Ward, Alicia Gómez Sánchez, Elin Strachan, Ailis L. Moran, Grace Ruddin, Carly Higgins, Maeve Murdock, Joanna J. Kaylor, Roxana A. Radu, Gabriel H. Travis, Stephen Carter, Ross F. Collery, Breandan N. Kennedy	Generating humanized transgenic zebrafish lines to investigate the pathogenicity of RLBP1 and RAB28 variants	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0159	423	Exhibit Hall - Seattle Convention Center	Poster Session: Genetic factors in ocular phenotypes
Wednesday, May 8	10:30am-12:15pm	Grace Ruddin, Tess McCann, Ailis L. Moran, Rebecca Ward, John Fehilly, Joanna J. Kaylor, Roxana A. Radu, Gabriel H. Travis, Breandan N. Kennedy	Using CRISPR rgra and rgrb zebrafish knockouts to understand the biological role of RGR-opsin	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0161	423	Exhibit Hall - Seattle Convention Center	Poster Session: Genetic factors in ocular phenotypes
Wednesday, May 8	10:30am-12:15pm	Paul Bonezzi, Rikard Frederiksen, Gordon Fain, Alapakkam P. Sampath	A calcium-activated chloride conductance shapes the rod photoreceptor membrane potential and glutamate release	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0342	424	Exhibit Hall - Seattle Convention Center	Poster Session: Photoreceptor development and degeneration
Wednesday, May 8	10:30am-12:15pm	Ching-Hwa Sung, Cheng Fu, Nan Yang, Nobuyuki Nakajima, Satoshi Iraha, Neeta Roy, Wataru Otsu, Zhichun Jiang, Roxana A. Radu, Ching-Kang Jason Chen, Wen-Cheng Xiong, Jen-Zen Chuang	Perturbation of endocytic trafficking in rods causes retinitis pigmentosa-like phenotypes and non-A2E lipofuscin accumulation	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0358	424	Exhibit Hall - Seattle Convention Center	Poster Session: Photoreceptor development and degeneration
Wednesday, May 8	10:30am-12:15pm	Judy Figueroa, Maryam Ashrafkhorasani, Vahid Mohammadzadeh, Sajad Besharati, Jane Zou, Masood Mohammadi, Kouros Nouri-Mahdavi	Detection of Functional Glaucoma Progression: 24-2 visual field central points vs. 10-2 visual fields	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0477	424A	Exhibit Hall - Seattle Convention Center	Poster Session: Functional testing and visual fields
Wednesday, May 8	2:15pm-4:00pm	Mehdi Emamverdi, maryam ashrafkhorasani, Abbas Habibi, Pradeep Venkatesh, SriniVas R. Sadda	Optical Coherence Tomography Features of Lattice Degeneration	Doheny Eye Institute, Pasadena, California, United States; Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Retina and Uvea Services, Dr.RP Centre for Ophthalmic Sciences, All India Institute of Medical Sciences, New Delhi, India	B0617	456	Exhibit Hall - Seattle Convention Center	OCT and OCT angiography II
Wednesday, May 8	2:15pm-4:00pm	Alexander Engelmann, Shannath L. Merbs, Alfredo A. Sadun, J. Sebag	Vitreous Movement Quantified with Real Time Magnetic Resonance Imaging	Ophthalmology, UCLA Jules Stein Eye Institute, Los Angeles, California, United States; Ophthalmology, Doheny Eye Institute, Los Angeles, California, United States; Ophthalmology, University of Maryland School of Medicine, Baltimore, Maryland, United States; Ophthalmology, VMRI Institute, Los Angeles, California, United States	B0674	457	Exhibit Hall - Seattle Convention Center	Anterior segment imaging, ultrasound and MRI, and preclinical/animal models



Day	Time	Name	Title	Institution(s)	Poster or Abstract No.	Session Number	Session Location	Session Title
Wednesday, May 8	2:15pm-4:00pm	Ahmad Santina, Victoria Tseng, Fei Yu, Allan Puran, Dina Doustmohammadi, Caleb Tan, Ramin Talebi, Anne Coleman	Social Determinants of Health and Central Serous Chorioretinopathy: Insights from the All of Us Research Program	Department of 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; California Northstate University College of Medicine, Elk Grove, California, United States; Loma Linda University School of Medicine, Loma Linda, California, United States; Thomas Jefferson University Sidney Kimmel Medical College, Philadelphia, Pennsylvania, United States; Epidemiology, University of California Los Angeles Jonathan and Karin Fielding School of Public Health, Los Angeles, California, United States	A0369	442	Exhibit Hall - Seattle Convention Center	Retinal diseases - Epidemiology
Wednesday, May 8	2:15pm-4:00pm	Ahmad Santina, Victoria Tseng, Fei Yu, Allan Puran, Dina Doustmohammadi, Caleb Tan, Ramin Talebi, Anne L. Coleman	Social Determinants of Health and Central Serous Chorioretinopathy: Insights from the All of Us Research Program	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	A0369	442	Exhibit Hall - Seattle Convention Center	Poster Session: Retinal diseases - Epidemiology
Wednesday, May 8	2:15pm-4:00pm	Somaye Jafari, Joseph L. Demer	Finite element model (FEM) of the effect of optic nerve (ON) sheath anisotropy on ocular loading during horizontal duction	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0001	445	Exhibit Hall - Seattle Convention Center	Poster Session: Amblyopia and eye movements
Wednesday, May 8	2:15pm-4:00pm	Jeffrey A. Ketterling, Cameron Hoerig, Justin H. Nguyen, Jonathan Mamou, Cedric Venuat, J. Sebag	Advanced Quantitative Ultrasonography Methods to Evaluate Vision Degrading Myodesopsia	United States; VMR Consulting, Inc, California, United States; Doheny Eye Institute, Geffen School of Medicine, University of California Los Angeles, Los Angeles, California, United States; Quante Medical, France	B0664	457	Exhibit Hall - Seattle Convention Center	Anterior segment imaging, ultrasound and MRI, and preclinical/animal models
Wednesday, May 8	2:15pm-4:00pm	Pouya Kassaeiyan, Ningshi Yao, Joseph Louis Demer, Qi Wei	Kinematics Modeling of Active Orbital Pulleys	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0003	445	Exhibit Hall - Seattle Convention Center	Poster Session: Amblyopia and eye movements
Wednesday, May 8	2:15pm-4:00pm	Andrew Tran, Immi Lee, Somaye Jafari, Joseph Park, Robert A. Clark, JoAnn Giaconi, Kouros Nouri-Mahdavi, Simon K. Law, Laura Bonelli, Joseph Caprioli, Joseph L. Demer	Intraorbital optic nerve path in normal subjects and subjects with glaucoma	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0004	445	Exhibit Hall - Seattle Convention Center	Poster Session: Amblyopia and eye movements
Wednesday, May 8	2:15pm-4:00pm	Bethany Grace Arabic, Ava K. Bittner, Micaela R. Gobeille, Cecillia Idman-Rait, Alexis G. Malkin, Jeffrey K. Ho, Max Estabrook, Nicole Ross	Visual assistive smartphone application ratings and usage in low vision seniors	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0427	452	Exhibit Hall - Seattle Convention Center	Poster Session: Technology for vision improvement and restoration
Wednesday, May 8	2:15pm-4:00pm	Jeffrey K. Ho, Nicole Ross, Cecillia Idman-Rait, Max Estabrook, Alexis G. Malkin, Ava K. Bittner	Which Older Adults Continued to use Visual Assistive Apps after their Participation in a Clinical Trial?	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0432	452	Exhibit Hall - Seattle Convention Center	Poster Session: Technology for vision improvement and restoration
Wednesday, May 8	2:15pm-4:00pm	Amad Qureshi, Andrew Ryan, Yidi Huang, Ningshi Yao, Joseph L. Demer, Qi Wei	A Linear Slide Platform for 3D Ocular Ultrasound Imaging	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0661	457	Exhibit Hall - Seattle Convention Center	Poster Session: Anterior segment imaging, ultrasound and MRI, and preclinical/animal models
Wednesday, May 8	2:15pm-4:00pm	Sara Aly Attia, Parameswaran G. Sreekumar, Ram Kannan, J. Andrew MacKay	Mechanism of $\alpha$ B-Crystallin Elastin-like Polypeptide conjugates protection against tunicamycin-induced ER stress in ARPE-19 cells	Department of Pharmacology and Pharmaceutical Sciences, University of Southern California, Los Angeles, California, United States; Stein Eye Institute Geffen School of Medicine, University of California Los Angeles, Los Angeles, California, United States; Doheny Eye Institute, Los Angeles, California, United States; Department of Ophthalmology, University of Southern California Keck School of Medicine, Los Angeles, California, United States	A0355	441	Exhibit Hall - Seattle Convention Center	Retina/RPE: New drugs, mechanisms of action, and toxicity
Wednesday, May 8	2:30pm-2:45pm	Mengyuan Fang, Ye He, Muneeswar Gupta Nittala, Shin Kadamoto, Michael S. Ip, SriniVas R. Sadda	OCT Angiography Features as Predictors of Anti-VEGF Treatment Response in Diabetic Macular Edema: KINGFISHER study	Doheny Eye Institute, Los Angeles, California, United States; Department of Ophthalmology, The First Affiliated Hospital of Zhengzhou University, Zhengzhou, Henan, China; Department of Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Department of Ophthalmology, Kyoto University Graduate School of Medicine, Kyoto, Jamaica	4882	427	6E - Seattle Convention Center - Arch Building	Diabetic macular edema
Thursday, May 9	8:00am-9:45am	Abbas Habibi, maryam ashrafkhorasani, Mehdi Emamverdi, Ahmad Santina, Giulia Corradetti, Muneeswar Gupta Nittala, K Bailey Freund, David Sarraf, SriniVas R. Sadda	Evaluating Fingerprint-Like Patterns in the Healthy Henle Fiber Layer Using Enface OCT Imaging	Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States; Doheny Eye Institute, Pasadena, California, United States; UCLA Jules Stein Eye Institute, Los Angeles, California, United States; Vitreous Retina Macula Consultants of New York, New York, New York, United States; Ophthalmology, New York University Grossman School of Medicine, New York, New York, United States; Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States	B0511	510	Exhibit Hall - Seattle Convention Center	Advancements in ophthalmic imaging
Thursday, May 9	8:00am-9:45am	Iori Wada, Kenichiro Mori, Parameswaran G. Sreekumar, Christine Spee, Elise Hong, Keijiro Ishikawa, Koh-Hei Sonoda, Ram Kannan	Mechanism of age-dependent senescence development in Tnfrsf10 knock out mice.	Doheny Eye Institute, Los Angeles, Japan; Kyushu Daigaku, Fukuoka, Fukuoka, Japan	B0890	514	Exhibit Hall - Seattle Convention Center	Retinal degeneration

Day	Time	Name	Title	Institution(s)	Poster or Abstract No.	Session Number	Session Location	Session Title
Thursday, May 9	8:00am-9:45am	Valerio Carelli, Nancy J. Newman, Leonardo Caporali, Fred Ross-Cisneros, Elisa Boschetti, Valerie Biousse, Lindreth DuBois, Henry Liu, Philippe Ancian, Magali Taiel, Alfredo A. Sadun	Ocular Post-Mortem Analyses with Histopathological and Molecular Assessments in LHON Following AAV2 Gene Therapy	IRCCS Istituto Delle Scienze Neurologiche di Bologna, Bologna, Italy; Ophthalmology and Neurology, Emory University School of Medicine, Atlanta, Georgia, United States; Dipartimento di Scienze Biomediche e Neuromotorie, Universita degli Studi di Bologna, Bologna, Emilia-Romagna, Italy; Doheny Eye Institute, Los Angeles, California, United States; Doheny Eye Institute Doheny Image Reading Center, Los Angeles, California, United States; Charles River Laboratories France, Evreux, France; GenSight Biologics SA, Paris, Île-de-France, France	B0929	515	Exhibit Hall - Seattle Convention Center	Gene and cell therapies and other novel therapeutics II
Thursday, May 9	8:00am-9:45am	Doug Chung, Saloni Gupta, Anthony Aldave	The effect of antioxidant MitoQ on cell viability in human corneal endothelial cells harboring SLC4A11 mutations modelling corneal endothelial dystrophies	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0354	507	Exhibit Hall - Seattle Convention Center	Poster Session: Corneal endothelium: Dystrophies
Thursday, May 9	8:00am-9:45am	Abbas Habibi, maryam ashrafkhorasani, Mehdi Emamverdi, Ahmad Santina, Giulia Corradetti, Muneeswar Gupta Nittala, K Bailey Freund, David Sarraf, SriniVas R. Sadda	Evaluating Fingerprint-Like Patterns in the Healthy Henle Fiber Layer Using Enface OCT Imaging	Doheny Eye Institute & Stein Eye Institute	B0511	510	Exhibit Hall - Seattle Convention Center	Poster Session: Advancements in ophthalmic imaging
Thursday, May 9	11:45am-1:30pm	Deniz Oncel, Ramin Talebi, Fei Yu, Victoria Tseng, Anne Coleman	Associations between Lack of Transportation to Healthcare and Ocular Diseases in the National Institutes of Health All of Us Research Program	Loyola University Chicago Stritch School of Medicine, Maywood, Illinois, United States; Thomas Jefferson University Sidney Kimmel Medical College, Philadelphia, Pennsylvania, United States; Department of Ophthalmology, Stein and Doheny Eye Institutes, University of California, Los Angeles, California, United States; Department of Biostatistics, Fielding School of Public Health, University of California, Los Angeles, California, United States; Department of Epidemiology, Fielding School of Public Health, University of California, Los Angeles, California, United States	B0701	534	Exhibit Hall - Seattle Convention Center	Ophthalmology health and healthcare research
Thursday, May 9	11:45am-1:30pm	Kristi Lynn Dohm, Kipp Roy Morgan, Mary K. Wilda, Jeong W. Pak, Paul VanVeldhuisen, Neal Oden, Michael S. Ip, Ingrid U. Scott, Barbara A. Blodi	Nonperfusion Patterns in Ultrawide Field Fluorescein Angiography (UWF FA) from SCORE2	Ophthalmology and Vision Sciences, University of Wisconsin-Madison, Madison, Wisconsin, United States; The Emmes Company LLC, Rockville, Maryland, United States; Doheny Eye Institute, Los Angeles, California, United States; Penn State College of Medicine, Hershey, Pennsylvania, United States	B0212	531	Exhibit Hall - Seattle Convention Center	Retinal vascular diseases and ROP II
Thursday, May 9	11:45am-1:30pm	Huma Khan, Hannah Khan, Aamir A. Aziz, Gregory Gahn, Mark Rami Barakat, Giulia Corradetti, Carl J. Danzig, Jordan M Graff, Jared Nielsen, Jeremy Wolfe, SriniVas R. Sadda, Arshad M. Khanani	The Real-World Efficacy and Safety of Faricimab in Diabetic Macular Edema: The TAHOE Study	Sierra Eye Associates, Reno, Nevada, United States; University of Nevada, Reno School of Medicine, Reno, Nevada, United States; Retinal Consultants of Arizona, Phoenix, Arizona, United States; Doheny Eye Institute, Pasadena, California, United States; Rand Eye Institute, Deerfield Beach, Florida, United States; Barnett Dulaney Perkins Eye Center, Phoenix, Arizona, United States; Wolfe Eye Clinic, West Des Moines, Iowa, United States; Associated Retinal Consultants, Royal Oak, Michigan, United States; University of Nevada Reno, Reno, Nevada, United States	B0169	530	Exhibit Hall - Seattle Convention Center	Diabetic macular edema
Thursday, May 9	11:45am-1:30pm	Kayla Elizabeth Gan, Ava K. Bittner	Visual Acuity is related to Activated Patient Portal for Healthcare at an Academic Center by New Low Vision Rehabilitation Patients or their Proxies	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	6182	525	Chelan 2 - Seattle Convention Center - Arch Building	Paper Session: Low vision services and mental health
Thursday, May 9	11:45am-1:30pm	Clemence Bonnet	Moderator: Tear fluid biomarkers: Fundamentals, hurdles and clinical applications	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA		527	Tahoma 3 - Seattle Convention Center -Arch Building	Minisymposium: Tear fluid biomarkers: Fundamentals, hurdles and clinical applications
Thursday, May 9	11:45am-1:30pm	Deniz Oncel, Ramin Talebi, Fei Yu, Victoria Tseng, Anne L. Coleman	Associations between Lack of Transportation to Healthcare and Ocular Diseases in the National Institutes of Health All of Us Research Program	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0701	534	Exhibit Hall - Seattle Convention Center	Poster Session: Ophthalmology health and healthcare research
Thursday, May 9	11:45am-1:30pm	Justin Hanson, Maggie Hui, Jason Strawbridge, Sayan Chatterjee, JoAnn Giaconi, Irena Tsui	Factors affecting ophthalmology surgery utilization at the West Los Angeles Veterans Affairs Medical Center	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0711	534	Exhibit Hall - Seattle Convention Center	Poster Session: Ophthalmology health and healthcare research
Thursday, May 9	11:45am-1:30pm	Tiffany Hu, Ethan Osias, Mario Cale, Darren Filson, Daniel Rootman	The Impacts of Reimbursement Rates on Ptosis Procedure Location Choice: A Discrete Choice Analysis	Doheny Eye Institute & Stein Eye Institute	B0733	534	Exhibit Hall - Seattle Convention Center	Poster Session: Ophthalmology health and healthcare research
Thursday, May 9	11:45am-1:30pm	Michelle Y. Ko, Ramin Talebi, Fei Yu, Victoria L. Tseng, Anne L. Coleman, Irena Tsui	Factors Associated with Eye Exams During Pregnancy in Individuals with Pre-Existing Diabetes Mellitus in the All of Us Database	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	B0746	534	Exhibit Hall - Seattle Convention Center	Poster Session: Ophthalmology health and healthcare research
Thursday, May 9	12:45pm-1:00pm	Suraj P. Bhat, Rajendra K. Gangalum, Satish Baggam, Ashutosh Singh	The expression of a long noncoding RNA covering the entire mouse $\alpha$ A-crystallin gene	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	6160	521	609 - Seattle Convention Center - Arch Building	Paper Session: Genetic factors in lens development and pathology
Thursday, May 9	2:00pm-3:45pm	Kouros Nouri-Mahdavi	Moderator: Functional testing and visual fields	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA		539	608 - Seattle Convention Center - Arch Building	Paper Session: Functional testing and visual fields



Day	Time	Name	Title	Institution(s)	Poster or Abstract No.	Session Number	Session Location	Session Title
Thursday, May 9	2:30pm-2:45pm	Kouros Nouri-Mahdavi, Erica Su, Vahid Mohammadzadeh, Sajad Besharati, Joseph Caprioli, Robert Weiss	The high variability of visual field measurements below 20 dB makes them unreliable for the detection of progression	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	6474	539	608 - Seattle Convention Center - Arch Building	Paper Session: Functional testing and visual fields
Thursday, May 9	2:45pm-3:00pm	Deborah A. Ferrington	Genotype-specific differences in mitochondrial function specific to the CFH Y402H risk allele associated with AMD	Doheny Eye Institute, Los Angeles, California, United States; Ophthalmology, University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States	6468	538	606 - Seattle Convention Center - Arch Building	Mitochondrial function in healthy and diseased retina
Thursday, May 9	2:45pm-3:00pm	Kara Jones, Charles Patrick O'Neill, Giang Do, Stephanie Mauger, Anna Urrea, Devinder Chauhan, Srinivas R. Sadda	Quantifying macular fluid fluctuation in anti-VEGF treated neovascular AMD and its impact on visual acuity - a real world study	Ophthalmology, University of Louisville, Louisville, Kentucky, United States; Australian National University, Acton, Australian Capital Territory, Australia; Macuject Pty Ltd*, Kew, Victoria, Australia; Doheny Eye Institute, Los Angeles, California, United States; University of California Los Angeles David Geffen School of Medicine, Los Angeles, California, United States	6489	541	612 - Seattle Convention Center - Arch Building	AMD: Clinical research III
Poster-on-Demand		Tanya Boghosian, Claudia Perez, Fei Yu, Anne Coleman, Lynn Gordon, Asim Ali, Stacy L. Pineles, Simon Fung	Pediatric Ocular Surface Inflammatory Diseases (POSID): Clinical Feature and Practice Patterns	Stein Eye Institute, University of California Los Angeles, Los Angeles, CA	OD32		Online	Poster-on-demand: EY on-demand presentations