

UC San Diego Shiley Eye Institute ARVO 2026 Schedule

Date	Mountain Time	Session	Location	Poster/Paper	Posterboard # / Presentation #	Authors	Title
On Demand					OD163	Forest Lin, Alexander Hong, Robert N Weinreb	Statin Use is Associated with Decreased Risk of Open-angle Glaucoma Incidence and Progression
On Demand					OD155	Lauren Hennein , Christopher Marshall, Maryona Vicente, Ryan Gise, Benjamin Jastrzembki	Association between Spasmus Nutans and Childhood Opportunity Index
Saturday, May 2							
Saturday, May 2	8:00am - 5:30pm	Artificial Intelligence & Deep Learning	Mile High Foyer	Poster		JALIL JALILI, Anna Heinke, Nehal Mehta, Amr Lotfy Ali, Mohamed Sherif Morsy, Yashraj Gavhane, Bo Wen, Dirk-Uwe Bartsch, Sally Baxter, Robert Weinreb, William Freeman, Linda Zangwill, Mark Christopher	Fine-Tuning a Multimodal LLM for Retinal OCT Report Generation and Large-Scale Clinically Oriented Evaluation in Real-World Data
Saturday, May 2	10:45am - 11:00am	Anterior Eye and Glaucoma	Mile High Ballroom 2B/3B/2C/3C	Paper	PP009	Siddharth Limaye, Shahin Hallaj, Maria Jessica Cruz, Saron Tedla, JALIL JALILI, Mark Christopher, Linda Zangwill	Abridged Retinal Fluorescence Lifetimes in Glaucoma
Saturday, May 2	8:00am - 5:30pm	Imaging Technology & Instrumentation	Mile High Foyer	Poster		Saron Tedla, Siddharth Limaye, Maria Jessica Cruz, Nashrah Junejo, Virginia de Sa, Gary Cottrell, Linda Zangwill	Diabetes Severity May be Associated with Prolonged Retinal Fluorescence Lifetimes
Saturday, May 2	8:00am - 5:30pm	Artificial Intelligence & Deep Learning	Mile High Foyer	Poster		Nashrah Junejo, Sally Baxter	The AI-READI Dataset: A Multimodal Ophthalmic Imaging Resource for Oculomics Research
Sunday, May 3							
Sunday, May 3	8:00am - 9:45am	Drug Delivery and Neuroprotection	Exhibit Hall	Poster	0033	Amit K. Patel, Maria Paula Avila, Micaela Wu, Sabrina Sanchez, Vivian Li, Alexa Dondiego, Cynthia Thai, Nam Hoang, Yuyan Lu, Vi Pham, Derek Stuart Welsbie	Disruption of DLK/LZK Signaling Preserves Visual Function and Prevents Neurodegeneration in a Rotenone-induced LHON Mouse Model
Sunday, May 3	8:00am - 9:45am	Drug Delivery and Neuroprotection	Exhibit Hall	Poster	0051	Alexander Svoronos, Eric Nudleman , Zelia M. Correa	Prediction of VEGF Suppression Duration by anti-VEGF Drugs with Pharmacokinetic Modeling
Sunday, May 3	1:00pm - 2:45pm	Wet AMD Clinical Research I	Exhibit Hall	Poster	0242	Philippe Margaron, Eric Nudleman , Nicholas Dagaincourt, Florie Mar, Shriji Patel	Vision Gains With Faricimab vs Aflibercept 2 mg in Patients With Treatment-Naïve nAMD Who Had Small Lesions: A TENAYA/LUCERNE Post Hoc Analysis
Sunday, May 3	1:00pm - 2:45pm	Wet AMD Clinical Research I	Exhibit Hall	Poster	0246	Amr Lotfy Ali, Nehal Nailesh Mehta, Mohamed Sherif Morsy, Soumya Jena, Lingyun Cheng, Dirk-Uwe G. Bartsch, William R. Freeman	Double-Dose Intravitreal Faricimab in Resistant neovascular Age-Related Macular Degeneration: Safety and Efficacy
Sunday, May 3	1:00pm - 2:45pm	AI Applications and Computational Science I	Exhibit Hall	Poster	0295	Elaine Tran, Benton Gabriel Chuter, Christopher A. Girkin , Massimo A. Fazio, Jeffrey M. Liebmann, Robert N Weinreb, Linda M. Zangwill, Mark Christopher	Convolutional Neural Networks Outperform Transformer and Foundation Models in Quality Assessment of OCT Optic Nerve Head Images
Sunday, May 3	1:00pm - 2:45pm	AI Applications and Computational Science II	Exhibit Hall	Poster	0333	Ghazaleh Soltani, JALIL JALILI, Sasan Moghimi, Takashi Nishida, Seyedeh Melika Hashemi, Amelia de Oliveira Pereira, Mark Christopher, Linda M. Zangwill, Robert N Weinreb	Deep Learning Models for Longitudinal Prediction of Visual Field Loss, RNFL Thickness, and Capillary Density
Sunday, May 3	1:00pm - 2:45pm	AMD: New Drugs, Delivery Systems, and Mechanisms of Action II	Exhibit Hall	Poster	0180	Joel Grondek, Anthony Avina, Stephanie L. Ha, Madalina Absi, Keanu Petrosian, Anna Heinke, Ines Nagel, NEHAL NAILESH MEHTA, Mohamed Sherif Morsy, Amr Lotfy Ali, Soumya Jena, Lingyun Cheng, Michael J. Sailor, William R. Freeman	Testing the Efficacy of VEGFA-Targeted, Cholesterol-Linked siRNA using the DL-AAA Model for Retinal Vascular Leakage
Sunday, May 3	3:15pm - 5:00pm	Corneal Endothelium	Exhibit Hall	Poster	0609	Gillian Folk, Bryanna J. Lee, John Huang, Takako Noguchi, Peter Shaw, Natalie A. Afshari	Hydroquinone-Induced Oxidative Stress Activates Autophagy in Human Corneal Endothelial Cells
Sunday, May 3	3:15pm - 5:00pm	Corneal Endothelium	Exhibit Hall	Poster	0616	John Huang, Bryanna J. Lee, Devansh Agarwal, Anastasiya Ivanova, Jennifer Bu, Takako Noguchi, Jonghwa Jun, Helen P. Makarenkova, Karl Wahlin, Peter Shaw, Natalie A. Afshari	FGF10 Activates Cadherins and Wnt Signaling in Human Corneal Endothelial Cells Under Hydroquinone-Induced Oxidative Stress
Sunday, May 3	3:15pm - 5:00pm	Corneal Endothelium	Exhibit Hall	Poster	0632	Christian Hill, Takako Noguchi, John Huang, Jiagan Zhao, Peter Shaw, Natalie A. Afshari	YAP Activation in Human Corneal Endothelial Cells by Mechanical Stress
Sunday, May 3	3:15pm - 5:00pm	Biomechanics and Mechanotransduction in the Posterior Segment and Optic Nerve	Exhibit Hall	Poster	0018	Christopher A. Girkin , Mary Anne Garner, Mark Clark, Mitzi Swift, Alan Blake, Gregory Grossman, Alecia K. Gross, Massimo A. Fazio	Time-dependent Deformation of the Optic Nerve Head During Acute, Sustained Intraocular Pressure Elevation in Research-consented Brain-dead Organ Donor

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Sunday, May 3	3:15pm - 5:00pm	Biomechanics and Mechanotransduction in the Posterior Segment and Optic Nerve	Exhibit Hall	Poster	0023	Massimo Antonio Fazio, Mark Clark, Mitzi Swift, Christopher A. Girkin	Vascular Response by OCT-Angiography to Negative Pressure in Clinical Glaucomas
Sunday, May 3	3:15pm - 5:00pm	Strabismus and Thyroid	Exhibit Hall	Poster	0874	Ashley Liang, Danielle Betts, Kaitlyn Chan, Megan Routzong, Melissa Vu, Marianna Alperin, Jolene Rudell	The Effect of Bupivacaine on Contractility of Extraocular Muscles for the Treatment of Strabismus
Sunday, May 3	3:15pm - 5:00pm	Strabismus and Thyroid	Exhibit Hall	Poster	0875	Danielle Betts, Ashley Liang, Albert Zomorrodian, Megan Routzong, Mariana Alperin, Jolene Rudell	Changes in Myosin Isoform Expression in Extraocular Muscles by Bupivacaine as a Therapeutic Approach for Strabismus
Monday, May 4							
Monday, May 4	11:15am - 1:00pm	Novel Discoveries Using Cell and Animal Models of Disease	Exhibit Hall	Poster	0910	Donita Garland, Anil Kumar Chekuri, Radha Ayyagari	Differences in Lipid Metabolism in Mouse Models of LORD
Monday, May 4	11:15am - 1:00pm	Vitreoretinal Surgery and Retinal Detachment II	Exhibit Hall	Poster	0297	Elizabeth Ciociola Kelly, Ava Niknahad, Heya Lee, Mitchell Scott Pavlak, Aishah Ahmed, Setu Mehta, Loka Thangamathesvaran, Jacob Heng , Jithin Yohannan, Brad Fortune, Thomas Vincent Johnson, James T. Handa	Increased Prevalence of Intraretinal fluid and Schisis following Membrane Peel Surgery Among Glaucoma Patients
Monday, May 4	11:45am - 12:00pm	Diagnosis, Monitoring, Telemedicine, and Clinical Decision Making	Mile High 4E	Presentation	1400	Niranchana Manivannan, Huiyuan Hou, Takashi Nishida, Evan Walker, Mary K. Durbin, Linda M. Zangwill, Robert N Weinreb, Sasan Moghimi	Risk Stratification Using OCT-based Score in Glaucoma Suspects
Monday, May 4	3:00pm - 4:45pm	OCT Clinical Applications	Exhibit Hall	Poster	0570	Amelia de Oliveira Pereira, Sasan Moghimi , Takashi Nishida, Christopher A. Girkin , Seyedeh Melika Hashemi, Ghazaleh Soltani, Yu X. Yong, Massimo Antonio Fazio, Jeffrey M. Liebmann, Linda M. Zangwill, Robert N Weinreb	Racial Differences in Macular Ganglion Cell Inner Plexiform Layer Floor
Monday, May 4	3:00pm - 4:45pm	Diagnosis, Monitoring, Telemedicine, and Clinical Decision Making I	Exhibit Hall	Poster	0719	Melika Hashemi, Sasan Moghimi , Takashi Nishida, Ghazaleh Soltani, Amelia de Oliveira Pereira, Yu X. Yong, Robert N Weinreb	Home Tonometry in Primary Open-angle Glaucoma
Monday, May 4	3:00pm - 4:45pm	Diagnosis, Monitoring, Telemedicine, and Clinical Decision Making I	Exhibit Hall	Poster	0726	Tayna Gebhardt, Emmanouil Tsamis, Takashi Nishida, Yu X. Yong, Robert Weinreb, Sasan Moghimi , Donald C. Hood	An OCT-only Reading Center can Reduce Unnecessary Referrals to a Glaucoma Clinic
Monday, May 4	3:00pm - 4:45pm	Diagnosis, Monitoring, Telemedicine, and Clinical Decision Making I	Exhibit Hall	Poster	0729	Huiyuan Hou, Takashi Nishida, Yu X. Yong, Mary K. Durbin, Kerry E. Goetz, Robert N Weinreb, Sasan Moghimi	How Well Does a Pattern-based OCT Score Reflect Visual Field Loss in Real-world Glaucoma Patients
Monday, May 4	3:00pm - 4:45pm	Diagnosis, Monitoring, Telemedicine, and Clinical Decision Making II	Exhibit Hall	Poster	0743	Neha Iyer, Takashi Nishida, Sally Baxter, Robert Weinreb, Sasan Moghimi	Neighborhood Social Vulnerability, Glaucoma Visit Adherence, and Diagnostic Testing in a Large Electronic Health Record Cohort
Monday, May 4	3:00pm - 4:45pm	Diagnosis, Monitoring, Telemedicine, and Clinical Decision Making II	Exhibit Hall	Poster	0756	Golnoush Mahmoudinezhad, Makan Ziafati, Chiara Giuffrè, Shakiba Rahimi, Amirhossein Valizadeh, Maya Patel, Abdelrahman M. Elhusseiny, Vikas Gulati, Shane Havens, Jessica Liu, Sasan Moghimi, Robert Weinreb	Retinal Vascular Oxygen Saturation in Primary Open-Angle Glaucoma: A Systematic Review and Meta-Analysis
Monday, May 4	3:00pm - 4:45pm	Diagnosis, Monitoring, Telemedicine, and Clinical Decision Making II	Exhibit Hall	Poster	0759	Afzal Sayeed, Michael A. Chaglasian, David Kasanoff, Sasan Moghimi, Alex S. Huang , Marco A. Miranda, Ece Turhal, Mayra Tafreshi, Mary K. Durbin	Accuracy and Reproducibility of Central Corneal Thickness Measurements Using Low-Coherence Interferometer Compared to Specular Microscopy
Monday, May 4	3:15pm - 3:30pm	AI Applications and Computational science	Bluebird Ballroom 1A	Paper	1835	JALIL JALILI, Hossein Taghizad, Yashraj Gavhane, Raheleh Kafieh, Akram Belghith, Christopher Bowd, Christopher A. Girkin, Sally Baxter, Robert N Weinreb, Linda M. Zangwill, Mark Christopher	An Agentic AI Workflow for Orchestrated Fundus Image Analysis and Explainable Glaucoma Detection
Monday, May 4	3:00pm - 4:45pm	Corneal Epithelium	Exhibit Hall	Poster	0425	Takako Noguchi, John Huang, Christian A. Hill, Prisha R. Samtani, Aashna Parigi, Jonghwa Jun, Peter Shaw, Natalie A. Afshari	Corneal Epithelial Cells Adapt to Hyperosmolar Conditions in Dose-dependent Manner

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Monday, May 4	3:00pm - 4:45pm	Deep Dives into IRD Genetics: From New Discoveries to Therapy	401	Paper	1920	Pooja Biswas, Tamara Juvier-Riesgo, Sonia Rivero, Andrzej Poplawski, Carlos E. Mendoza-Santesteban, Byron L. Lam, Paripoorna Sharma, Wansuh Jung-Aum, Amit Patel, Derek Stuart Welsbie , S. Amer Riazuddin, Gavin Arno, Karl Wahlin , John Gerard Flannery, Radha Ayyagari	AAV-mediated Therapeutic Approach for RP98 due to Non-coding TMEM216 Variants
Monday, May 4	3:00pm - 4:45pm	Ocular Trauma Epidemiology	Exhibit Hall	Poster	0644	Emily F. Moon, Leo LT Meller, Keenan Mendoza, Marissa Shoji, Bobby S. Korn , Catherine Y. Liu , Don O. Kikkawa	Fishing-Related Ocular Trauma in the United States: A 20-Year Analysis
Monday, May 4	3:00pm - 4:45pm	Ocular Trauma Epidemiology	Exhibit Hall	Poster	0656	Suzan Sargsyan, Leo LT Meller, Marissa Shoji, Nicole topilow, Jimmy Chen, Catherine Y. Liu , Bobby S. Korn , Don O. Kikkawa	Surfing Related Ocular Trauma in the United States: 2004-2023
Monday, May 4	3:00pm - 4:45pm	OCT Angiography Clinical Applications	Exhibit Hall	Poster	0607	Soumya Jena, NEHAL NAILESH MEHTA, Amr Lotfy Ali, Mohamed Sherif Morsy, Dirk-Uwe G. Bartsch , William R. Freeman , Lingyun Cheng	Comparative Analysis of Optical Coherence Tomography Angiography Parameters in Choroidal Neovascular Membrane Patients on Holiday versus Maintenance Anti-VEGF Therapy
Monday, May 4	3:00pm - 4:45pm	OCT/OCTA Development and Technical Advances	Exhibit Hall	Poster	0633	Dirk-Uwe G. Bartsch , NEHAL NAILESH MEHTA, Mohamed Sherif Morsy, Amr Lotfy Ali, Soumya Jena, Lingyun Cheng , William R. Freeman	Comparison of Image Quality and Acquisition Speed in OCT imaging with the 20 kHz and 85 kHz scan speed in the Spectralis OCT
Monday, May 4	4:00pm - 4:15pm	Deep Dives into IRD Genetics: From New Discoveries to Therapy	401	Paper	1919	Yating Liu, Swanand Koli, Kelsey Dang, Pooja Biswas, Allen Wang, Dadi Gao, Radha Ayyagari , Anil Kumar Chekuri	Spatiotemporal Multiomic Profiling of RPE-Photoreceptor Crosstalk in MFRP-Associated Retinitis Pigmentosa Reveals Deficiency in Retinoid Metabolism
Tuesday, May 5							
Tuesday, May 5	8:30am - 8:45am	New Ideas in Glaucoma	Bluebird Ballroom 1A	Paper	2481	Zhichao Wu, Ruben Cesar Gonzalez, Evan Walker, Ghee Soon Ang, Jennifer Fan Gaskin, Su-Ho Lim, Keith R. Martin, Sasan Moghimi , Takashi Nishida, Jihye Park, Alex S. Huang , Maxime Jannaud, Marc G. Sarsosy, Xavier Hadoux, Christopher Bowd , Akram Belghith, Michael H. Goldbaum , Massimo A. Fazio, Christopher A. Girkin , Carlos Gustavo De Moraes, Jeffrey M. Liebmann, Robert N Weinreb , Linda M. Zangwill , Mark Christopher	Detection of Glaucomatous Visual Field Defects Using Optical Coherence Tomography with Deep Learning: A Multicenter Diagnostic Study
Tuesday, May 5	8:30am - 10:15am	Big Data and EHR Analysis	Exhibit Hall	Poster	0328	Juan Arias, Sally Baxter , Jayashree Kalpathy-Cramer, Vishwanath Prathikanti, Steve McNamara, Niranjana Manoharan, Kerry E. Goetz	Developing a Standardized Ontology for Reporting Ocular Imaging and Functional Testing Findings
Tuesday, May 5	8:30am - 10:15am	Big Data and EHR Analysis	Exhibit Hall	Poster	0334	Jo-Hsuan Wu, Sasan Moghimi , Robert N Weinreb , Shahin Hallaj, Sally Baxter , Takashi Nishida	Glaucoma and Risk of Incident Dementia in a Large Multicenter Electronic Health Record Cohort
Tuesday, May 5	8:30am - 10:15am	Big Data and EHR Analysis	Exhibit Hall	Poster	0318	Evan Davis, Nicholas Stratigakis, Leslie Hyman, Linda M. Zangwill , John Danias	Increased Risk of Primary Open-angle Glaucoma Following a dDiagnosis of Various Dental Conditions in a Finnish Population
Tuesday, May 5	10:00am - 10:15am	Big Data and Data Science	Mile High 4E	Paper	2563	Mark Christopher , Ruben Cesar Gonzalez, Evan Walker, Shahin Hallaj, Christopher Bowd , Robert N Weinreb , Lindsay Rhodes, Cynthia Owsley, Christopher A. Girkin , Massimo A. Fazio, Akram Belghith, Linda M. Zangwill	AI-Remote Optic Nerve Assessment (AI-RONA): Clinical Considerations of a Novel Quality-aware Glaucoma Screening Algorithm in Federally Qualified Health Centers
Tuesday, May 5	1:15pm - 3:00pm	Big Data and Data Science	Exhibit Hall	Poster	0288	Ruben Cesar Gonzalez, Mark Christopher , Evan Walker, Shahin Hallaj, Christopher Bowd , Robert N Weinreb , Lindsay Rhodes, Cynthia Owsley, Christopher A. Girkin , Massimo Antonio Fazio, Akram Belghith, Linda M. Zangwill	AI-Remote Optic Nerve Assessment (AI-RONA): Comparing Image Modalities in Quality-aware AI-based Glaucoma Screening
Tuesday, May 5	1:15pm - 3:00pm	Visual Impairment Epidemiology	Exhibit Hall	Poster	0405	Calisa Lee-Choi, Takashi Nishida, Robert N. Weinreb , Sasan Moghimi , Sally Baxter	Neighborhood Social Vulnerability and Major Fracture Risk in Adults with Visual Impairment: A Multicenter EHR Cohort Study

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Tuesday, May 5	1:15pm - 3:00pm	Big Data and Data Science	Exhibit Hall	Poster	0289	Andy Ng, Mingrui Yang, Juan Reynaud, Cindy Albert, Brad Fortune, Steven L. Mansberger, Balwantray C. Chauhan, Stuart Keith Gardiner, Mark Christopher , Hongli Yang	Feature Cross-Attention RETFound Model for Detecting Glaucoma
Tuesday, May 5	1:15pm - 3:00pm	AI in Retina II	Exhibit Hall	Poster	0633	Pooya Khosravi, Alireza Kamalipour, Nolan A. Huck, Parsa Riazzi Esfahani, Henry A. Ferreyra , Nathan L. Scott , Andrew Browne, Xiaohui Xie	Retinal Fundus Imaging as a Biomarker for Cognitive Function in Diabetes: An Exploratory Oculomics Study
Tuesday, May 5	1:15pm - 3:00pm	AI in Retina II	Exhibit Hall	Poster	0643	Lauren Wedekind, Akshara Reddy Legala, Kevin Tenerelli, Jesse Most, Naren Ramesh, Lina Vo, Jooyoung Chang, Kyle Vincent Marra, Xinyi Ding, Wei-Chun Lin, Michelle Hribar, Deeba Husain, Leo A. Kim, Mengyu Wang, Nimesh A. Patel, John B. Miller, Sally Baxter , Jimmy Chen	Automated Assessment of Optical Coherence Tomography Angiography Image Quality Using the AI-READI Dataset
Tuesday, May 5	1:15pm - 3:00pm	Uveal Melanoma	Exhibit Hall	Poster	0831	Naren Ramesh, Daniel Vail, Purna Nangia, Prithvi Mruthyunjaya, Nathan L. Scott	Clinical Practice Variability in Prophylactic Intravitreal Injection Use for Radiation Retinopathy in a Nationwide Administrative Dataset
Tuesday, May 5	1:15pm - 3:00pm	AI in Retina II	Exhibit Hall	Poster	0644	An Dinh Le, Nehal Nailesh Mehta, Amr Lotfy Ali, Mohamed Sherif Morsy, Shane Griffin, Shadi AlAshwal, Shyamanga Borooh	Wavelet Multi-Resolution Alignment for Ultra-Widefield OPTOS Imaging: A Resolution-Agnostic Vessel-Based Pipeline for Longitudinal Registration
Tuesday, May 5	3:30pm - 5:15pm	New Imaging Biomarkers	Exhibit Hall	Poster	0569	Siddharth Limaye, Shahin Hallaj, Maria Jessica Cruz, Saron Tedla, JALIL JALILI, Mark Christopher , Linda M. Zangwill	Smoking May Prolong Retinal Fluorescence Lifetimes
Tuesday, May 5	3:30pm - 5:15pm	New Imaging Biomarkers	Exhibit Hall	Poster	0595	Julie Pilotte, Alex S. Huang , Zachary Mandel, Svasti Sharma, Sami Khoury, Ali Tafreshi, Peter Vanderklish, Derek Oakley, Jennifer Scalia, Eric Reiman, Cindy Ly, Clive Svendsen, Brent Harris, Matthew Frosch, James Berry, Merit Cudkowicz, Stella Sarraf	Retinal Detection of TDP-43 Pathology using a Novel Fluorescent Retinal Tracer Supports Clinical Development of a Non-invasive Diagnostic Eye Test
Tuesday, May 5	3:30pm - 5:15pm	New Therapeutics and Delivery Approaches for Ocular Diseases	Exhibit Hall	Poster	0701	Naomi Wagner, Kristyn Huffman, Shyamanga Borooh	Prioritization of Genetic Variants for Personalized Antisense Oligonucleotide Therapy in Inherited Retinal Disease
Wednesday, May 6							
Wednesday, May 6	10:15am - 12:00pm	Imaging Technologies and Functional Imaging	Exhibit Hall	Poster	0217	Alex S. Huang , Jihye Park, Xiaowei Zhang, Daniel Wanderer, Suho Lim, Sasan Moghimi , Robert N Weinreb	Anterior Segment OCT Imaging of the Supraciliary Space in Healthy Human Subjects
Wednesday, May 6	10:15am - 12:00pm	Imaging Technologies and Functional Imaging	Exhibit Hall	Poster	0220	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	Development of the Advised Protocol for OCT Study Terminology and Elements Anterior Segment OCT Extension Reporting Guidelines (APOSTEL-AS)
Wednesday, May 6	10:15am - 12:00pm	Imaging Technologies and Functional Imaging	Exhibit Hall	Poster	0221	Hao Zhang, Raymond Fang, Fengyuanshan Xu, Zihang Yan, Alex S. Huang	Two-step AI-based Automated Schlemm's Canal Volumetric Segmentation for OCT
Wednesday, May 6	10:15am - 12:00pm	Glaucoma Epidemiology	Exhibit Hall	Poster	0266	Riya Mittal, Takashi Nishida, Yu X. Yong, Robert N Weinreb , Shahin Hallaj, Sally Baxter , Sasan Moghimi	Continuous Positive Airway Pressure and Glaucoma Risk in Obstructive Sleep Apnea
Wednesday, May 6	10:15am - 12:00pm	Anterior Segment Epidemiology	Exhibit Hall	Poster	0312	William R. Chow, Daniel R. Chow, Jacqueline Woo, Natalie Afshari , Roberto Pineda	Bridging the Trial Divide: Geographic and Sponsorship Inequities in Corneal Clinical Trials, 2000-2025
Wednesday, May 6	10:15am - 12:00pm	Image Processing and Interpretation	Exhibit Hall	Poster	0204	Raymond Fang, Daniel Kim, Zihang Yan, Fengyuanshan Xu, Raphael Tinio, Cheng Sun, Rukhsana Mirza, Alex S. Huang , Hao F. Zhang	Expansion of Optical Coherence Tomography Field of View through Volumetric Montaging
Wednesday, May 6	10:15am - 12:00pm	Neuroprotection and Neurorepair	Exhibit Hall	Poster	0840	Peter Vanderklish, Tonking Bastola, Maiyah Brush, Muna Poudel, Chung-Jui Yu, Stephanie Leal, Philip Gordts, Christopher Toomey , Won-Kyu Ju , Alex S. Huang , Stella Sarraf	Neuroprotective Effects of Tazbentetol (SPG302) in Mouse Models of Glaucoma and Diabetic Retinal Neuropathy: Preservation of Visual Function and Protection of the Inner Retina

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Wednesday, May 6	10:15am - 12:00pm	Neuroprotection and Neurorepair	Exhibit Hall	Poster	0849	Kathy O raha, Amit Patel, Madison Chew, Sean Chapman, Xinying Shi, Yao Bi, Julian Bahramipour, Nam Hoang, Cynthia Thai, Geoffrey Chang, Derek Stuart Welsbie	Inhibition of Endogenous SARM1 via Targeted Protein Degradation
Wednesday, May 6	10:15am - 12:00pm	AMD Imaging II	Exhibit Hall	Poster	0615	Shane Griffin, NEHAL NAILESH MEHTA, Naomi Wagner, Shadi AlAshwal, Shyamanga Borooh	Characterization and Progression of Early-Onset Drusen
Wednesday, May 6	2:00pm - 3:45pm	Anti-inflammatory Agents, Ocular Toxicity, Cytokines and Growth Factors	Exhibit Hall	Poster	0720	Jacqueline Woo, Daniel R. Chow, William R. Chow, Natalie Afshari	Platelet-Rich Plasma Eye Drops for Recurrent Corneal Erosion: A Study of Efficacy and Safety
Wednesday, May 6	2:00pm - 3:45pm	Cataract Surgery: Outcomes and Epidemiology	Exhibit Hall	Poster	0963	Carlos R. Garcia-Cabrera, Ron A. Adelman, Natalie A. Afshari	Influence of Prior Vitrectomy on Early Vitrectomy After Cataract Surgery in a Multicenter Cohort
Wednesday, May 6	2:00pm - 3:45pm	Neuroinflammation and Neurodegeneration	Exhibit Hall	Poster	0753	Ryan Grant Strickland, McKenna Somerville, Sydney Lin, Mary Anne Garner, Alan Blake, Gregory H. Grossman, Massimo Antonio Fazio, Christopher A. Girkin , Alecia K. Gross	Layer-specific Macrogial Responses to Acute Intraocular Pressure Elevation in the Living Human Macula
Wednesday, May 6	2:00pm - 3:45pm	Retina/RPE Regeneration and Reprogramming	Exhibit Hall	Poster	0622	Satinder Kaur, Merut Shankar, Xin Xia, Amit K. Patel, Derek Stuart Welsbie , Jeffrey L. Goldberg, Benyam Zerihun Kinde	Chk1/Chk2 Inhibition Promotes Retinal Ganglion Cell Survival and axon regeneration in Traumatic Optic Neuropathy
Thursday, May 7							
Thursday, May 7	8:00am - 9:45am	Visual Fields and Other Functional Testing	Exhibit Hall	Poster	0028	Tutul Chakravarti, Takashi Nishida, Robert N Weinreb	Agreement among HFA 24-2, HFA 10-2 and IMO 24 Plus (1-2) vVisual Field Tests in Detecting Glaucomatous Central and Peripheral Visual Field Defects
Thursday, May 7	8:00am - 9:45am	Visual Fields and Other Functional Testing	Exhibit Hall	Poster	0033	Takashi Nishida, Sasan Moghimi , Ghazaleh Soltani, Seyedeh Melika Hashemi, Amelia de Oliveira Pereira, Christopher A. Girkin , Massimo Antonio Fazio, Jeffrey M. Liebmann, Linda M. Zangwill , Robert N Weinreb	Assessment of Reduced 24-2 Visual Field Grids for Glaucoma Progression Detection
Thursday, May 7	8:00am - 9:45am	Posterior Segment and Optic Nerve Imaging	Exhibit Hall	Poster	0913	Hyunjung Kim, Min Hee Suh, Linda M. Zangwill , Robert N Weinreb	Optic Disc Microvasculature Reduction and Conversion to Primary Open Angle Glaucoma in Pre-perimetric Glaucoma
Thursday, May 7	8:00am - 9:45am	Posterior Segment and Optic Nerve Imaging	Exhibit Hall	Poster	0196	Mary Anne Garner, Mark Clark, Mitzi Swift, Melody East, Alecia K. Gross, Massimo A. Fazio, Christopher A. Girkin	Analysis of two years of functional and structural screening of research-consented brain-dead organ donors
Thursday, May 7	8:00am - 9:45am	Ocular Surface I	Exhibit Hall	Poster	0689	Christina Tran, Takako Noguchi, Sarah Shacterman, Jonghwa Jun, Peter Shaw , Natalie A. Afshari	Comparative Evaluation of Exosome Isolation Methods from Human Tear Fluid
Thursday, May 7	8:00am - 9:45am	AMD Epidemiology	Exhibit Hall	Poster	0383	Shahin Hallaj, Takashi Nishida, Christopher Longhurst, William R. Freeman , Sally Baxter , Aaron Boussina	Glucagon-Like Peptide-1 Receptor Agonists and Incidence of Age-Related Macular Degeneration in Adults With Diabetes
Thursday, May 7	8:00am - 9:45am	Gene Variants and Mutations	Exhibit Hall	Poster	0576	Yexuan Cao, Siying Lin, Francesca Cancellieri, Andrew Lotery, Abigail Moye, Veronika Vaclavik, Fabienne Perren, Andrzej Poplawski, Anna Pichiecchio, Elena Schiff, Mukhtar Ullah, Ana Belen Iglesias Romero, Karolina Kaminska, Marc Folcher, Sandrine Wallerich, Mariana Ribeiro, Meng Wang, Omar Abdul Rahman Mahroo, Shyamanga Borooh , Mathieu Quinodoz, Krzysztof Palczewski, Andrew R. Webster, Carlo Rivolta, Rui Chen, Gavin Arno	Biallelic Dysfunction of the Connecting Cilium Localized Protein FSD1L Leads to Retinitis Pigmentosa
Thursday, May 7	8:00am - 9:45am	Gene Variants and Mutations	Exhibit Hall	Poster	0578	Lori S. Sullivan, William Hankey, Madhulatha Pantrangi, Elizabeth Cadena, Kristy Lee, David Rousso, Gabrielle Richard, Andrew R. Webster, Jacque L. Duncan, Radha Ayyagari	ClinGen Investigates: RPE65 Variant Pathogenicity in an Amish Founder Population

UC San Diego Shiley Eye Institute ARVO 2026 Schedule

Date	Mountain Time	Session	Location	Poster/Paper	Posterboard # / Presentation #	Authors	Title
Thursday, May 7	8:00am - 9:45am	Gene Variants and Mutations	Exhibit Hall	Poster	0580	Kristy Lee, Lucy Eng, Amber Waddell, Taylor Sabato, Sydney Varga, Madhu Pantrangi, Naomi Wagner, Abby T. Fahim, Gavin Arno, Stephanie Cornelis, Mathieu Quinodoz, Radha Ayyagari , Esther E. Biswas-Fiss, Miriam Bauwens, Andrea L. Vincent, Lonneke Haer-Wigman, Stephen H. Tsang, Amy Dameron, Claire-Maire Dhaenens, Benjamin Nash, Marieke De Bruyne, Isabelle S. Audo, Elfride De Baere, Robert Hufnagel	ClinGen ABCA4 Variant Curation Guidelines to Optimize Clinical & Carrier Genetic Testing
Thursday, May 7	8:00am - 9:45am	Gene Variants and Mutations	Exhibit Hall	Poster	0587	Kim Carlyle Worley, Ma'ayan Mero, William Hankey, Radha Ayyagari , Matthew D. Benson, Robert Hufnagel, Sarah Hull, Kati Kämpjärvi, Kristy Lee, Richard Alan Lewis, Ian MacDonald, Juliana M F Sallum, Paul A. Sieving, Lori S. Sullivan, Meng Wang, Grace Hui Wang, Christina Zeitz, Rui Chen	ClinGen X-linked Inherited Retinal Disease Variant Curation Expert Panel (XIRD VCEP) modified ACMG criteria and variant curation progress for CACNA1F, CHM, NDP, RP2, RPGR and RS1
Thursday, May 7	8:00am - 9:45am	Gene Variants and Mutations	Exhibit Hall	Poster	0588	Jazzlyn Jones, Pooja Biswas, Radha Ayyagari , Subhasis Biswas, Esther E. Biswas-Fiss	Integrated Computational Analyses of ABCA4 ECD2 Variants: Advancing Reclassification of VUS in Inherited Retinal Disease
Thursday, May 7	8:00am - 9:45am	Gene Variants and Mutations	Exhibit Hall	Poster	0592	Jatniel Rodriguez, Riccardo Sangermano, Christopher Hallock, Siying Lin, Elfride De Baere, Andrea L. Vincent, Jacque L. Duncan, Samer Khateb, Eyal Banin, Shyamanga Borooh, Jason Comander, Rebecca Clark, Paul Yang, Lesley Everett, Richard G. Weleber, Terri L. McLaren, Fred Kuanfu Chen, Mark E. Pennesi, Dror Sharon, David G. Birch, Rob W J Collin, Andrew R. Webster, Gavin Arno, Radha Ayyagari , Kinga Maria Bujakowska	Identification of Twenty-four novel PRPH2 Variants in a Large, Multi-center Cohort of Autosomal Dominant IRD
Thursday, May 7	8:00am - 9:45am	IRD II	Exhibit Hall		0641	Hafiz Baig, Kristyn Huffman, Naomi Wagner, Jennifer Hernandez, Keilan Ramirez, Shyamanga Borooh	Patient-Derived induced Pluripotent Stem Cells Reveal Reduced PRPF31 Expression Associated with the c.946-12C>A Variant
Thursday, May 7	11:45am - 1:30pm	From Multi-omics and Function to Ocular Disease Mechanisms	Exhibit Hall	Poster	0545	Swanand Koli, DaNae Woodard, Kelsey Dang, Pooja Biswas, Allen Wang, Radha Ayyagari , Anil Kumar Chekuri	Multiome Profiling of Mfrp KO Mice Identifies Drivers of Early-Onset Retinal Degeneration and Peripheral Cone Loss
Thursday, May 7	12:00pm - 12:15pm	Posterior Segment and Optic Nerve Imaging	Bluebird Ballroom 1A	Poster	5493	Atsuya Miki, Makoto Araie, Christopher Kai-Shun Leung, Masashi Nishigaki, Hiroshi Murata, Tsutomu Kikawa, Kazuhisa Sugiyama, Tomomi Higashide, Hitomi Saito, Makoto Aihara, Aiko Iwase, Goji Tomita, Toru Nakazawa, Kyoko OHNO-MATSUI, Tae-Woo Kim, Linda M. Zangwill , Robert N Weinreb	Association of Optic Nerve Head Structures with Retinal Nerve Fiber Layer Optical Texture Analysis-Detected Retinal Nerve Fiber Layer Defects in Primary Open Angle Glaucoma
Thursday, May 7	12:15pm - 12:30pm	Visual Fields and Other Functional Testing	Mile High 4E	Paper	5569	Sasan Moghimi , Takashi Nishida, Ghazaleh Soltani, Seyedeh Melika Hashemi, Amelia de Oliveira Pereira, Christopher A. Girkin , Massimo Antonio Fazio, Jeffrey M. Liebmann, Linda M. Zangwill , Robert N Weinreb	Detecting Visual Field Progression using Targeted Mean Total Deviation
Thursday, May 7	12:15pm - 12:30pm	Posterior Segment and Optic Nerve Imaging	Bluebird Ballroom 1A	Paper	5494	Min Hee Suh, Linda M. Zangwill , Robert N Weinreb	Optic Disc Microvasculature Reduction and Visual Field Progression in Advanced Primary Open-Angle Glaucoma
Thursday, May 7	12:30pm - 12:45pm	Posterior Segment and Optic Nerve Imaging	Bluebird Ballroom 1A	Paper	5495	Hongli Yang, Nikola Meier, Anuwat Jiravamsirikul, Steven L. Mansberger, Balwantray C. Chauhan, Brad Fortune, Stuart Keith Gardiner, Linda M. Zangwill	
Thursday, May 7	1:00pm - 1:15pm	Stem Cell and Gene Therapy	Bluebird Ballroom 1B	Paper	5504	Shyamanga Borooh , Lisa R. Grillone, Kristyn Huffman, Naomi Wagner, Julie Douville, Konstantina Skourti-Stathaki, Laurence Mignon	First-in-human Personalized Antisense Trial for PRPH2-associated Retinal Dystrophy (PARD) (NCT07177196)

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Thursday, May 7	1:00pm - 1:15pm	Posterior Segment and Optic Nerve Imaging	Bluebird Ballroom 1A	Paper	5497	Alireza Kamalipour, Pooya Khosravi, Sasan Moghimi, Cristiana Vasile, Christopher A. Girkin, Alex S. Huang, Sayna Poursadrolah, Mohsen Adelpour, Elaine Tran, Alexander Ka-Ngai Lam, Christopher Kai-Shun Leung, Robert Weinreb	Diagnostic Performance of Retinal Nerve Fiber Optical Texture Analysis: A Comparative Study With En-Face OCT and Conventional OCT Metrics in Glaucoma
Thursday, May 7	2:00pm - 3:45pm	Vitreoretinal Surgery and Retinal Detachment III	Exhibit Hall	Paper	0988	Natalie A. Afshari, Ron A. Adelman, Carlos R. Garcia-Cabrera	Influence of Prior Vitrectomy on Postoperative Retinal Detachment After Cataract Surgery in a Multicenter Cohort