

CU ARVO Schedule 2025

On-Demand

Title	Faculty Member
Conjunctival Hyperemia: A Multi-Country Assessment of Healthcare Professionals' Perspectives on the Treatment Landscape	Cecelia Koetting, OD, FAAO, DipABO
Ranked comparison of myopia control interventions in children: insights from a network meta-analysis (NMA)	Tianjing Li, PhD

Saturday, May 3

Time	Location	Type	Title	Faculty Member
4:00pm-4:15pm	250	Poster Session	Reconstructing Fundus Images from Foundation Model Features: Unveiling Privacy Risk	Sourav Kimar

Sunday, May 4

Time	Location	Type	Title	Faculty Member
8:00am-9:45am	Hall A-E 108	Poster Session	Immunomodulatory therapy use in Idiopathic Anterior Scleritis	Hosannah Evie, MD
8:00am-9:45am	Hall A-E 110	Poster Session	Treated Chronic Hypertension and Conversion from Intermediate Age-Related Macular Degeneration (iAMD) to Advanced Age-Related Macular Degeneration (AMD)	Nicolas Neumeister
8:00am-9:45am	Hall A-E 110	Poster Session	Sex-specific Differences in Repeated Measures of C-Reactive Protein in Controls, Intermediate AMD, and Advanced AMD Progressors.	Nathan Grove
8:00am-9:45am	Hall A-E 110	Poster Session	Dynamic Risk of Systemic Complement Activation Associated with Time to Progression to Advanced AMD	Anne Lynch, MD, MSPH
8:25am-8:45am	Ballroom A 102	Symposium	Leveraging shared genetic risk mechanisms to identify novel therapeutic opportunities in	Isaac Harley, MD

			autoimmune conditions: application to Sjögren's Disease	
1:00pm-2:45pm	Hall A-E 129	Poster Session	Adopting Uncertainty-Aware Training to Improve Geographic Atrophy Segmentation	Christopher Clark
1:00pm-2:45pm	Hall A-E 129	Poster Session	Federated Learning improves generalizability of deep learning models for cup and disc segmentation from Color Fundus Photography	Upsana Thakuria
1:00pm-2:45pm	Hall A-E 131	Poster Session	Immunomodulatory Therapy Discontinuation Due to Safety or Tolerability For the Treatment of Ocular Inflammation	Jenny Shunyakova
1:00pm-2:45pm	Hall A-E 134	Poster Session	Fingerprints of the Eye: Extracellular Vesicle Biomarkers for Ocular Disease	Steven Droho, PhD
2:00pm-2:15pm	Ballroom B 120	Paper Session	Notch signaling diversifies fate outcomes during retinal development	Adam Raymond Almeida
3:15pm-5:00pm	Hall A-E 163	Poster Session	Thiol-mediated promotion of AGE modifications in lens proteins	Sudipta Panja, PhD

Monday, May 6

Time	Location	Type	Title	Faculty Member
8:30am-10:15am	Hall A-E 226	Poster Session	Dexamethasone Therapeutic Efficacy in Mitigating Lewisite-induced Chronic Corneal and Limbal Injuries	Rama Kant
3:00pm-4:45pm	Hall A-E 261	Poster Session	Laser versus Anti-VEGF Treatment: Real-World Outcomes for Treatment of Type 1 Retinopathy of Prematurity	Anne Strong Caldwell, MD

Tuesday, May 6

Time	Location	Type	Title	Faculty Member
8:30am-10:15am	Hall A-E 324	Poster Session	Management of patients with incontinentia pigmenti: a single center analysis of patients treated with and without laser	Emily Cole, MD
1:15pm-3:00pm	Hall A-E 346	Poster Session	Functional Analysis of a Vsx2 Bipolar Cell Enhancer in Mouse and Human Retinal Development	Lauren Prendergast
1:15pm-3:00pm	Hall A-E 346	Poster Session	Functional characterization of Otx2 enhancers in mouse retinal development	Ian Purvis
1:15pm-3:00pm	Hall A-E 346	Poster Session	Stem cell-derived retinal organoids uncover developmental abnormalities in the human trisomy 21 retina	Michael Ha
1:45pm-2:00pm	Ballroom B 332	Paper Session	RAGE is a Key Regulator of Subretinal Fibrosis in Laser-induced Choroidal Neovascularization: Therapeutic Implications for Neovascular AMD	Ram Nagaraj, PhD
3:30pm-5:15pm	Hall A-E 367	Poster Session	AEye Chatbot: A Multimodal Chatbot for Ophthalmology	Steve McNamara, OD
3:30pm-5:15pm	Hall A-E 369	Poster Session	A Bayesian Gompertz Model to Address Non-Linearity in Geographic Atrophy Growth	Aaron Beckwith

Wednesday, May 7

Time	Location	Type	Title	Faculty Member
10:15am-12:00pm	Hall A-E 415	Poster Session	Can foundation models aid patient re-identification from ophthalmic images?	Giacomo Nebbia
10:15am-12:00pm	Hall A-E 425	Poster Session	Artificial intelligence for Meibomian gland dysfunction: a diagnostic test accuracy systematic review	Alison Su-Hsun Liu, MD, PhD, MPH
10:15am-12:00pm	Hall A-E 425	Poster Session	Topical glaucoma medication and dry eye: a systematic review	Kaleb Abbott, OD, FAAO
10:15am-12:00pm	Hall A-E 425	Poster Session	Topical immunosuppressants for blepharitis in adults: a systematic review and meta-analysis	Tsz Wing Yim
11:45am-12:00pm	Ballroom A 404	Paper Session	Antigen-driven activation of B cells during human uveitis.	Lynn Hassman, MD, PhD

2:00pm-3:45pm	Hall A-E 446	Poster Session	DJ-1 Prevents Retinal Capillary Degeneration in Mice: Implications for Diabetic Retinopathy	Mihyun Nam, Phd
2:00pm-3:45pm	Hall A-E 453	Poster Session	Outcomes of Cataract Extraction with Light Adjustable Lens Implantation in Patients with a History of Radial Keratotomy	Ari Stoner, MD

Thursday, May 8

Time	Location	Type	Title	Faculty Member
8:00am-9:45am	Hall A-E 502	Poster Session	Developing a cGMP compliant method for the production of retinal organoids for cell therapy applications	Caitlin Hays
8:00am-9:45am	Hall A-E 502	Poster Session	Human retinal organoid model of photoreceptor cell death identifies H105A peptide as a potential treatment for dry age-related macular degeneration	Shama Parween, PhD
11:45am-1:30pm	Hall A-E 540	Poster Session	Two case reports of hypertensive uveitis mimicking viral anterior uveitis following intravitreal faricimab	Ellen Rhodes, MD
11:45am-1:30pm	Hall A-E 540	Poster Session	Predicted causal gene network analysis identifies genetic overlap between uveitis and systemic inflammatory diseases	Karen Chau
1:15pm-1:30pm	255ABC 520	Paper Session	Longitudinal Tracking of Geographic Atrophy Progression using AI-enabled Segmentation and Registration	Yoga Advaith Veturi