

EDUCATION COURSE

POSTER PRESENTATION

PAPER PRESENTATION

PAPER SESSION

MINISYMPOSIUM

DAY	TIME	AUTHOR BLOCK	TITLE / PRESENTATION	LOCATION	SPEAKER / MODERATORS
Saturday, May 4	8:00 a.m.		Development of pluripotent stem cell-based platforms for disease modeling and therapies	612 - Seattle Convention Center - Arch Building	Holly Chen
Saturday, May 4	8:00 a.m.	*Holly Chen	Differentiation of pluripotent stem cells into photoreceptors	612 - Seattle Convention Center - Arch Building	Holly Chen
Saturday, May 4	8:00 a.m.	*Holly Chen	Application of pluripotent stem cell-derived cultures for drug discovery	612 - Seattle Convention Center - Arch Building	Holly Chen
Sunday, May 5	8:00 a.m.	*Safal Khanal, Rohit Dhakal	A0473: Myopia progression trends from 1980 to 2020	Exhibit Hall - Seattle Convention Center	Safal Khanal
Sunday, May 5	1:00 p.m.	*Swetha Ravichandran, Peter J. Snyder, Jessica Alber, Madelyn R. Kenny, Andrew Rothstein, Keisha Brown, Charles Murchison, Olivio J. Clay, Erik D. Roberson, Edmund Arthur	Quantifying retinal putative gliosis in preclinical Alzheimer's disease	Tahoma 2 - Seattle Convention Center - Arch Building	Swetha Ravichandran
Sunday, May 5	3:15 p.m.	*Timothy Gawne, Zhihui She	A0420: Trichromacy and Refractive Development	Exhibit Hall - Seattle Convention Center	Timothy Gawne
Sunday, May 5	3:15 p.m.	*Esther Nutifafa Senanu, Jillian F. Ziemanski	A0206: Human Meibomian Gland Epithelial Cells Produce and Secrete Major Complement Components	Exhibit Hall - Seattle Convention Center	Esther Nutifafa Senanu
Sunday, May 5	3:15 p.m.	*Nilda Sanchez-Castellanos, Joseluis Roig-Lopez, James A. Mobley, Safal Khanal	A0403: Effects of wavelengths of light on whole-cell proteomes of tree shrew scleral fibroblasts	Exhibit Hall - Seattle Convention Center	Nilda Sanchez-Castellanos
Sunday, May 5	3:15 p.m.	*Rohit Dhakal, Nilda Sanchez-Castellanos, Timothy Gawne, Safal Khanal	A0406: Retinal electrophysiology responses to lens-induced myopia in juvenile tree shrews	Exhibit Hall - Seattle Convention Center	Rohit Dhakal
Sunday, May 5	3:15 p.m.	*Jean Sun, Mary Anne Garner, Aundrea Bartley, Lynn Dobrunz, Alecia K. Gross	B0154: Neuropeptide Y overexpression exacerbates retinal degeneration in the rhodopsin P23H adRP model	Exhibit Hall - Seattle Convention Center	Jean Sun
Sunday, May 5	3:15 p.m.	*Akosua Konadu Boateng, Roy Joseph, Om P. Srivastava	$\beta$ A3 $\Delta$ G91 Mice Develop Congenital Cataract and Show Autophagy Disruption	609 - Seattle Convention Center - Arch Building	Akosua Konadu Boateng
Monday, May 6	9:00 a.m.	*Alexander Meadway	Modeling light propagation and capture in photoreceptors	Tahoma 4 - Seattle Convention Center - Arch Building	Alexander Meadway
Tuesday, May 7	3:30 p.m.		Myopia: Structural changes from cornea to sclera	608 - Seattle Convention Center - Arch Building	Frank Schaeffel, Ophthalmic Research Institute Safal Khanal, UAB
Wednesday, May 8	10:30 a.m.	*Holly Chen, Xue Du, Anna Butler	B0207: Loss of AMD risk gene RDH5 reduced photoreceptor outer segment length in a novel aged human retina model	Exhibit Hall - Seattle Convention Center	Holly Chen
Wednesday, May 8	10:30 a.m.	*Mary Anne Garner, Jean Sun, Alecia K. Gross	B0311: Loss of cofilin1 in rod photoreceptors affects retinal function	Exhibit Hall - Seattle Convention Center	Mary Anne Garner
Wednesday, May 8	2:15 p.m.		Photoreceptor development and degeneration	606 - Seattle Convention Center - Arch Building	Alecia K. Gross, UAB Rikard Frederiksen, UCLA
Wednesday, May 8	10:30 a.m.	*Roy Joseph, Akosua Konadu Boateng, Om P. Srivastava	A0260: $\beta$ A3/A1-crystallin knockout affects autophagy, leading to congenital cataract in the mice lens	Exhibit Hall - Seattle Convention Center	Roy Joseph
Thursday, May 9	11:45 a.m.		Experimental models of glaucoma: In vitro, ex-vivo and in vivo	6A - Seattle Convention Center - Arch Building	Alecia K. Gross, UAB Jeremy M. Sivak, University of Toronto
Thursday, May 9	8:30 a.m.	*Alecia K. Gross, Mckenna Somerville, Ryan Strickland, Mary Anne Garner, Christopher A. Girkin	Early Transcriptional Response in Ocular Hypertension in Living Human Retina	6A - Seattle Convention Center - Arch Building	Alecia K. Gross