

Time	Speaker	Title	Institution	Duration
<b>Monday December 10, 2018</b>				
4:00 PM	Registration and Poster Installation			60
5:00 PM	Poster Session I/Cocktail Mix & Mingle			120
7:00 PM	Dinner & Keynote Connie Cepko PhD	"Cell fate determination in the retina and strategies to prolong vision using gene therapy"	Harvard Medical School	60
<b>Tuesday December 11, 2018</b>				
Time	Speaker	Title	Institution	Duration
<b>7:00 AM</b>	<b>Breakfast/Registration</b>			<b>60</b>
8:00 AM	Frank Tong, PhD	"Functional role of the human LGN and V1 in perception and figure-ground processing"	Vanderbilt	15
8:15 AM	Daniel Dilks, PhD	"Cortical plasticity in the adult human visual system"	Emory University	15
8:30 AM	Kristina Visscher, PhD	"Understanding plasticity of the human visual system using macular degeneration as a model"	University of Alabama at Birmingham	15
8:45 AM	Salma Ferdous	"Role of lysine specific demethylase 1 in murine ocular development"	Emory University	8
8:53 AM	John Nickerson, PhD	"Morphological abnormalities in the RPE sheet after wounding"	Emory University	15
9:08 AM	Chris De Vera	"Disruption of the circadian clock gene Bmal1 in the RPE abolished the daily rhythm of photoreceptor outer segment disc phagocytosis"	MSM/Emory University	8
9:16 AM	Alecia Gross, PhD	"Molecular mechanisms of photoreceptor outer segment formation and protein trafficking"	University of Alabama at Birmingham	15
<b>9:31 AM</b>	<b>Poster Session II/Coffee Break</b>			<b>89</b>
11:00 AM	David Calkins, PhD	"Mechanisms of Neurodegeneration in Glaucoma"	Vanderbilt University Medical Center	15
11:15 AM	Brian Samuels, MD, PhD	"Innovative uses of the tree shrew (tupaia belangeri) in ophthalmic research"	University of Alabama at Birmingham	15

11:30 AM	Eldon Geisert, PhD	"Central cornea thickness in the mouse and glaucoma risk in humans"	Emory University	15
11:45 AM	Skyler Boehm	"Systemically administered CD34+ cells, programmed with hRPE65 gene, home to the retina and slow the progression of retinal degeneration in a mouse model of AMD"	University of Alabama at Birmingham	8
11:53 AM	Cynthia Owsley, PhD, MSPH	"Delayed rod-mediated dark adaptation: a functional biomarker for early AMD"	University of Alabama at Birmingham	15
12:08 PM	Tom Norton, PhD	"Farsighted or near-sighted: pick your wavelength!"	University of Alabama at Birmingham	8
12:16 PM	Anthony Daniels, MD	"Precision Medicines for Precision Surgeries: Intravitreal and Intra-arterial Chemotherapy Drug Discovery for Retinoblastoma"	Vanderbilt University Medical Center	15
<b>12:31 PM</b>	<b>Poster Session III/Lunch</b>			<b>89</b>
2:00 PM	Maria Grant, MD	"Restructuring of the Gut Microbiome by Intermittent Fasting Prevents Diabetic Retinopathy"	University of Alabama at Birmingham	15
2:15 PM	Machelle Pardue, PhD	"Early Detection and Treatment of Diabetic Retinopathy"	Georgia Tech/Emory	15
2:30 PM	William Ngo, OD, PhD	"Development of two imaging instruments for the in-vivo quantification and characterization of the human tear film and associated lipid layer"	University of Alabama at Birmingham	8
2:38 PM	Dolly Ann Padovani-Claudio, MD, PhD	"Chemokine modulation of retinal inflammation and neovascularization"	Vanderbilt University Medical Center	15
2:53 PM	Kelly Chen	"Transplantation and survival of human induced pluripotent stem cell (hiPSC)-derived retinal ganglion cells (RGCs) into a mouse model of glaucoma"	University of Alabama at Birmingham	8
3:01 PM	Tonia Rex, PhD	"Mechanisms and therapy in ocular neurotrauma"	Vanderbilt University Medical Center	15
3:16 PM	Hans Grossnikalaus, MD, MBA	"Molecular Pathology of Severely Anaplastic Retinoblastoma"	Emory University	15
3:31 PM	Wrap-up and Closing			