

**Center for Vision Science
Annual Symposium
January 10, 2025
Education Building, Matsui Lecture Hall
4610 X Street, Sacramento**

8 - 8:35	Registration, Breakfast
8:35 - 8:50	Center for Vision Sciences Welcome and Updates Welcome: Paul Sieving, M.D., Ph.D., CVS Director T32 Training Grant: Marie Burns, Ph.D. NEI Core Facilities Grant: Marty Usrey, Ph.D.
8:55 - 10:00	Center for Vision Science Lecture Speaker Introduction: Sara Thomasy D.V.M., Ph.D., D.A.C.V.O. Pantelis Rempolas, Ph.D. Associate Professor, Department of Dermatology Perelman School of Medicine, University of Pennsylvania "Decoding Cellular Dynamics in Corneal Physiology and Disease: A Systems Approach"
10:05 - 10:25	W. Martin (Marty) Usrey, Ph.D. "Functional properties of neural circuits for vision"
10:30 - 10:55	Coffee Break and Poster Session (1st Floor Lobby)
11:00 - 11:15	Ala Moshiri, M.D., Ph.D. "Gene therapy for RPE65 congenital blindness"
11:20 - 11:40	Glenn Yiu, M.D., Ph.D. "Suprachoroidal AAV Delivery for Retinal Gene Therapy"
11:45 - 12:05	Eliza Bliss-Moreau, Ph.D. "Expanding the definition of sensorimotor integration"
12:10 - 1:10	Lunch (2nd Floor) and Poster Session (1st Floor Lobby)
1:15 - 1:35	Paul Sieving, M.D., Ph.D. "CORT: Center for Regenerative Therapy"
1:40 - 1:55	Erin Hisey, B.S. "Mucin 4 deficient mice exhibit anatomical and functional decreases in their corneal barrier with reduced corneal innervation"
2:00 - 2:15	Miranda Krueger, B.A. "The role of Sonic Hedgehog during early retinal patterning and development"
2:20 - 2:35	Raneesh Ramarapu, B.S. "Elucidating the role of mechanotransducer TAZ in the development, homeostasis and pathology of corneal endothelial cells"
2:40 - 3:00	Coffee Break (1st Floor Lobby)
3:05 - 3:25	Ratheesh Meleppat, Ph.D. "Structural and functional retinal imaging in mice using Full field swept-source optical coherence tomography"
3:30 - 3:50	Alice Accorsi, Ph.D. "Apple snails: looking at regeneration with a new pair of eyes"
3:55 - 5:00	John L. Keltner, M.D., Lectureship Introduction of Lectureship: Mark Mannis, M.D., FACS Speaker Introduction: Mark Goldman, PhD Bevil R. Conway, Ph.D. Senior Investigator Sensation, Cognition and Action Section National Eye Institute "Principles of Neuroscience in Color"
5:05 - 6:00	Reception (1st Floor Lobby)