

Center for Vision Research

Robert B. Barlow Vision Research Seminar Series Lectures

Date	Lecturer	Presentation Title	Presenter's Website
11/20/19	Michel Cayouette, PhD	Building and Rebuilding the Retina	https://www.mcgill.ca/expmed/dr-michel-cayouette
11/08/19	W. Daniel Stamer, Ph.D., FARVO	Modifying Outflow: The Future of Glaucoma Therapies	https://dukeeyecenter.duke.edu/about/faculty/w-daniel-stamer-phd
09/20/19	Kirill Martemyanov, PhD	Molecular organization of the first visual synapse	https://www.scripps.edu/faculty/martemyanov/
09/09/19	Louis R. Pasquale, MD, FARVO	Insights gained from advances in Glaucoma	https://www.mountsinai.org/profiles/louis-r-pasquale
07/17/19	Rachel Kuchtey, M.D., Ph.D.	Fibrillinopathy and Elastosis in Glaucoma	https://www.vumc.org/ophthalmology/person/rachel-w-kuchtey-md-phd
06/12/19	Stephen M. Redenti, PhD	Retinal Exosomes in Development and Disease	http://www.lehman.edu/academics/biology/fac-redenti.php
03/15/19	Dritan Agalliu, PhD	"Mechanisms of Blood-Brain Barrier Development, Breakdown, and Repair in the CNS"	http://www.columbianeurology.org/profile/dagalliu
12/10/18	Sabine Fuhrmann, PhD	"Regulation of patterning and morphogenesis of the developing eye"	https://www.vumc.org/ophthalmology/person/sabine-fuhrmann-phd
10/10/18	Sheila A. Baker, PhD	"Held up at the starting line: Regulating the trafficking of HCN1 channels"	https://medicine.uiowa.edu/eye/profile/sheila-baker
07/11/18	Deborah Ferrington, PhD	"Matching therapy to disease mechanism: Targeting the mitochondria to treat age-related macular degeneration"	https://www.ophthalmology.umn.edu/bio/ophthalmology-department-facul/deborah-ferrington
06/08/18	Gareth Howell, PhD	"Preserving vascular health to prevent neurodegeneration"	https://www.jax.org/research-and-faculty/research-labs/the-howell-lab
04/18/18	Terri Young, MD PhD, Chair	"Childhood glaucoma genetics"	https://young.opth.wisc.edu/
02/14/18	Dasheng Ren, PhD	"Sleep number of bacteria: Effects of material stiffness on bacterial attachment and biofilm formation"	http://biomaterials.syr.edu/research/ren/
12/13/17	Maribel Vazquez, ScD	"Microfluidics for the visual system"	https://www.ccny.cuny.edu/profiles/maribel-vazquez
10/11/17	Scott W. Cousins, MD	"Rationale for mitochondrial dysfunction in dry AMD: Prospects for mitochondria-targeted therapies"	https://dukeeyecenter.duke.edu/about/faculty/scott-william-cousins

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09/18/17	Sylvain Chemtob, MD, PhD	"Retinopathy of prematurity: Associated unsuspected choroidopathy"	https://www.chusj.org/Bio?id=2b1e9692-b16b-4c90-975b-cf98546d708d&lang=en
09/13/17	Krzysztof Palczewski, PhD	"Chemistry of vision and inherited retinal diseases"	http://pharmacology.case.edu/department/faculty/primary/Pages%5CPalczewski%5Cdefault.aspx
06/14/17	Stephen H. Tsang, MD, PhD	"Of mice and men: Targeting pathways in precision medicine"	http://www.igm.columbia.edu/profile/shtsang
05/18/17	Muayyad R. Al-Ubaidi, PhD	"Retbindin's role in retinal homeostasis"	http://www.bme.uh.edu/faculty/al-ubaidi
05/17/17	Muna Naash, PhD	"Nanoparticle-based gene therapy for ocular disease"	http://www.bme.uh.edu/faculty/naash
04/06/17	Andrew D. Huberman, PhD	"Circuit mechanisms of visual perception"	http://www.hubermanlab.com/
03/08/17	Mark Emerson, PhD	"Illuminating the developmental origins of neuronal diversity through cis-regulatory analysis"	http://forum.sci.cuny.cuny.edu/people/science-division-directory/emersonmark
02/08/17	Wallace B. Thoreson, PhD	"Release at ribbon synapses of rods and cones in the vertebrate retina"	https://www.unmc.edu/eye/faculty/thoreson.html
01/11/17	David Krizaj, PhD	"Sensory integration in retinal ganglion cells: what does the mouse retina tell the mouse brain?"	https://medicine.utah.edu/ophthalmology/research/krizaj-lab/
12/14/16	Jeffrey M. Gross, PhD	"Epigenetic regulation of retinal development"	https://www.jeffgrosslab.org/
10/21/16	Larry I. Benowitz, PhD	"Optic nerve regeneration: Oncomodulin, peten, zinc, and other actors"	http://www.childrenshospital.org/research/researchers/b/larry-benowitz
10/12/16	Xiangyun Wei, PhD	"Planar cell polarity in retinal development"	http://ophthalmology.pitt.edu/people/xiangyun-wei-phd
09/14/16	Silvia C. Finnemann, PhD	"Timing is everything: molecular mechanisms of photoreceptor outer segment renewal"	https://www.fordham.edu/info/24004/faculty/6846/silvia_c_finnemann/1
06/24/16	Lawrence Rizzolo, PhD, FARVO	"Neurospheres to planar sheets: Engineering a co-culture of retinal progenitors and RPE"	https://medicine.yale.edu/eyes/people/lawrence_rizzolo.profile
06/08/16	Audrey M. Bernstein, PhD	"The cell biology of pathological protein accumulation in corneal scarring and glaucoma"	http://www.upstate.edu/cvr/investigators/audrey-m-bernstein/index.php
05/20/16	Amy Kiernan, PhD	"Notch signaling during sensory cell development in the inner ear"	https://www.urmc.rochester.edu/eye-institute/research/labs/kiernan-lab.aspx

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05/11/16	Ronald G. Gregg, PhD	"Architecture and signaling at the first retinal synapse"	http://stage.louisville.edu/medschool/biochemistry/departmental-directories/faculty/ronald-g.-gregg-phd
04/13/16	Deborah L. Stenkamp, PhD	"Seeing double: Regulation of tandemly-duplicated opsins in the zebrafish"	http://www.uidaho.edu/sci/biology/people/faculty/dstenkam
03/09/16	Lin Gan, PhD	"Molecular mechanisms for the development of retinal ganglion cells"	https://www.urmc.rochester.edu/eye-institute/research/labs/gan-lab.aspx
02/10/16	Sarah X. Zhang, MD	"ER chaperones and the UPR in the retina and retinal disease"	https://medicine.buffalo.edu/faculty/profile.html?ubit=xzhang38
12/09/15	Ben G. Szaro, PhD	"Decoding the intrinsic molecular mechanisms underlying successful optic axon regeneration"	https://www.albany.edu/biology/people/faculty/fulltime/szaro_ben.shtml
11/11/15	Jonathan Demb, PhD	"Synaptic mechanisms for visual computation in retinal circuitry"	https://medicine.yale.edu/eyes/people/jonathan_demb.profile
10/21/15	Nadean Brown, PhD	"Roles for the optic nerve head in compartmentalizing the embryonic mouse eye"	https://basicscience.ucdmc.ucdavis.edu/Brown_Lab/
09/09/15	Maureen McCall, PhD	"Congenital stationary night blindness: Three simple mutants and their complex outcomes"	http://www.louisvilleeyedocs.com/member/maureen-mccall-ph-d/research-faculty/
06/10/15	Susan B. Udin PhD	"NMDA receptors rule: from the tectum to the shin"	https://medicine.buffalo.edu/faculty/profile.html?ubit=sudin
05/13/15	Timothy Kraft, PhD	"Light induced hypersensitivity in mice and men, a nights' tale"	http://www.uab.edu/optometry/home/people/faculty/timothy-w-kraft