



## Treatment Strategies & Clinical Trials for Inherited Retinal Diseases (IRDs)

A SYMPOSIUM HONORING DR. GERALD ALLEN FISHMAN'S  
50 YEARS OF CONTRIBUTIONS TO THE DEPARTMENT OF  
OPHTHALMOLOGY, UNIVERSITY OF ILLINOIS CHICAGO.

**August 11, 2023**

UIC Learning Center  
College of Medicine West Tower  
Room 227, 2nd Floor  
1853 W. Polk St., Chicago, IL 60612

*Parking:*  
Wood Street Parking Structure  
1100 S. Wood St., Chicago, IL 60612

8:00 am - 8:30 am	Registration	
8:30 am - 8:35 am	Welcome	Dr. R.V. Paul Chan The John H. Panton, MD Professor of Ophthalmology Head, Department of Ophthalmology and Visual Sciences, University of Illinois Chicago
	Introduction	Dr. Jason McAnany Associate Professor of Ophthalmology and Visual Sciences, University of Illinois Chicago

### Session I (Models of IRDs)

MODERATORS: DRs. GERALD FISHMAN AND JASON McANANY

8:35 am - 9:00 am	Canine Models of Human Inherited Retinal Diseases, From the Cage to the Clinic	Dr. Gustavo Aguirre University of Pennsylvania
9:00 am - 9:25 am	Editing Strategies and Efficacy in a Pig Model of Autosomal Dominant Retinitis Pigmentosa	Dr. Maureen McCall University of Louisville
9:25 am - 9:50 am	Patient-derived Stem Cell Modeling of the Enhanced S-cone Syndrome	Dr. Edwin Stone University of Iowa
9:50 am - 10:15 am	Juvenile X-linked Retinoschisis in Mouse and Man	Dr. Arlene Drack University of Iowa
10:15 am - 10:35 am	Discussion	
10:35 am - 10:50 am	<b>Break</b>	

### Session II (Genotype, Retinal Structure, and Function in IRDs)

MODERATORS: DRs. GERALD FISHMAN AND JOSEPH CARROLL

10:50 am - 11:15 am	New Perspectives on Retinal Structure and Function in Patients with Inherited Retinal Degenerations	Dr. Jacque Duncan University of California, San Francisco
11:15 am - 11:40 am	ABCA4 Genotype and Phenotype: Correlations in Stargardt Disease	Dr. Rando Allikmets Columbia University

11:40 am - 12:05 pm	Five Vignettes in Search of the Clinical Photoreceptor: How Many Cones Are Required to See?	Dr. Paul Sieving University of California, Davis
12:05 pm - 12:25 pm	Discussion	
12:25 pm - 1:25 pm	<b>Lunch</b>	

### **Session III (Treatment Strategies, Clinical Trials, and Red-Green Color Deficiency)**

MODERATORS: DRS. GERALD FISHMAN AND ROBERT HYDE

1:25 pm - 1:50 pm	Optogenetics for Vision Restoration	Dr. John Flannery University of California, Berkeley
1:50 pm - 2:15 pm	A Journey from Abnormal Sperm Tails and Nightblindness to Treatment of Retinal Dystrophies: My Tribute to a Visionary	Dr. Anand Swaroop National Eye Institute
2:15 pm - 2:40 pm	John Dalton and the Implications of X-linked Red-Green Color Deficiency	Dr. Michael Marmor Stanford University
2:40 pm - 3:00 pm	Discussion	
3:00 pm - 3:30 pm	Closing Sentiments: How to Become "Distinguished"	Dr. Gerald A. Fishman University of Illinois Chicago
3:30 pm - 4:30 pm	Refreshments and Informal Discussions	
4:30 pm	Adjourn	