EyeFind Research Grants provide supplemental funding in grants of up to $5,000 per project to researchers to procure human eye tissue samples from eye banks for use in a well-conceived research project. The applicant must demonstrate financial need related to procuring and using human eye tissue to continue their research.

2023
Cycle 1

Nicole Carnt, BOptom, PhD
Westmead Institute for Medical Research
Eye bank: NSW Tissue Bank
A pilot study characterising the immune response in Herpes Keratitis

Tarsis Ferreira, PhD
University of Houston
Eye bank: Saving Sight; Miracles in Sight
Exploring Decorin Mimetics as Modulators of Fibroblast- to-Myofibroblast Transdifferentiation: Implications for Corneal Healing and Fibrosis

Xiang Ma, PhD
Oklahoma Medical Research Foundation
Eye bank: Lions Gift of Sight
Assessing markers of vascular regression in various stages of diabetic retinopathy

Michael Mong, MD
VETERAN AFFAIRS NORTH TEXAS HEALTH CARE MEDICAL CENTER
Eye bank: Lions VisionGift
REGIONAL VITAMIN K CONTENT OF THE HUMAN EYE: A PILOT STUDY

Sudhir Verma, PhD
University of Houston
Eye bank: Saving Sight
Characterizing the progenitor-like properties of Transient Amplifying Cells (TACs) that present a Hyaluronan (HA)-rich glycocalyx

2023
Cycle 2

Ananya Datta, BOPTM, MPhil, PhD, FAAO
New England College of Optometry
Eye bank: Eversight Eye Bank
Unlocking the Secrets of Diabetic Eyes: A Revolutionary Study of Substance P Receptors in Conjunctival Goblet Cells
Martina Christina Herwig-Carl, MD
University Hospital Bonn
Eye bank: Advancing Sight Network
*Histopathological evaluation of the central and peripheral retina and its correlation with SD-OCT images in geographic atrophy*

John Hetling, PhD
University of Illinois at Chicago
Eye bank: VisionFirst Indiana Lions Eye Bank
*Device-Based Therapeutic Hypothermia for Human Eyes*

Matias Soifer, MD
Bascom Palmer Eye Institute
Eye bank: Florida Lions Eye Bank
*Identification of Corneal Immune Cells Visualized By In Vivo Confocal Microscopy Via Immunohistochemistry*

Asmaa Zidan, MD
Massachusetts Eye and Ear
Eye bank: Lions Eye Bank of the Northeast
*The Impact of Oxygen Supplementation on Corneal Endothelial Cells Morphology and Function*

2022 Cycle 1

Ta Chen Peter Chang, MD
Bascom Palmer Eye Institute
Eye bank: Florida Lions Eye Bank
*RNA Sequencing-Based Transcriptomic Profile of Fresh Normal Human Lens*

Miguel Flores-Bellver, PhD
University of Colorado
Eye bank: Lions Eye Institute for Transplant & Research
*Extracellular Vesicles enrichment from postmortem human Retina and RPE tissue*

Elena Gofas Salas, PhD
Vision Institute (Sorbonne)
Eye bank: Lions Gift of Sight Eye Bank
*Detection and identification of retinal cellular biomarkers for the study of the role of inflammation in neurodegenerative diseases*

Martina Kropp, PhD
University of Geneva
Eye bank: Lions Gift of Sight Eye Bank
*Animal product-free culture of human transfected Retinal (RPE) and Iris Pigment Epithelial (IPE) cells for cell therapy*
Tasneem Sharma, PhD
Trustees of Indiana University
Eye bank: Minnesota Lions Gift of Sight Eye Bank
*Therapeutic targeting of pressure induced glaucomatous degeneration*

Maria Vinas, PhD and Sangyeon Cho, PhD
Eye bank: LIONS VISIONGIFT
Massachusetts General Hospital and Harvard Medical School
*A novel gold-assisted plasmonic nanoscopy method to investigate mechanical and structural changes in Myopia*

2022
Cycle 2

Mor Dickman, MD, PhD
Maastricht University Medical Center and MERLN Institute
Eye bank: Lions Eye Institute for Transplant and Research
*Determining the quality of primary cultured corneal endothelial cells through a single cell RNA-sequencing analysis*

Jami Gurley, PhD
University of Oklahoma Health Sciences Center
Eye bank: The Eye Bank of Kentucky
*Assessment of Retinal Arteriolar Smooth Muscle Cell Coverage in Aged Human Retinas*

Imre Lengyel, PhD
Queen's University Belfast, UK
Eye bank: Advancing Sight Network
*Central and peripheral retinal changes in Alzheimer's disease*

Navita Lopez, MSc, PhD
University of Utah
Eye bank: Utah Lion's Eye Bank
*The role of TGFbeta signaling in retinal microglia in glaucoma*

Michael Risner, PhD
Vanderbilt Eye Institute
Eye bank: Advancing Sight Network
*Investigating Mechanisms Controlling Retinal Ganglion Cell and Axon Excitability During Glaucoma: A Pilot Study*
Frauke Coppieters, PhD
Ghent University
Eye bank: Biobank Antwerpen
*Design of a novel therapy for autosomal dominant inherited retinal diseases*

Steffi Daniel, PhD
UT Southwestern Medical Center
Eye bank: Lions Eye Institute for Transplant and Research
*Determination of fibulin-3 expression and localization in human ocular tissues*

Martina Kropp, PhD
University of Geneva
Eye bank: Lions Gift of Sight
*iPS-derived RPE cell & human retina co-culture for toxicity and potency assays in intraocular medicine*

Jun Liu, PhD
Ohio State University
Eye bank: Lions Eye Bank West Central Ohio
*Biomechanical correlations between cornea and optic nerve head*

Wenlin Zhang, MD, PhD
University of California, Los Angeles, Stein Eye Institute
Eye bank: Lions Gift of Sight
*Quantitative super-resolution localization of SLC4A11 variants in human corneal endothelium in its native environment*

Luisa Holguin Colorado, PhD, OD
Queensland University of Technology
Eye bank: NSW Tissue Bank and Australian Ocular Biobank (AOB)
*Corneal epithelial dendritic cells: An association between in vivo corneal confocal microscopy and immunohistology*

Eileen Hwang, MD, PhD
University of Utah Moran Eye Center
Eye bank: San Diego Eye Bank
*Age-related differences in the vitreous collagen fiber network*

Binapani Mahaling, PhD
Medical College of Wisconsin
Eye bank: Lions Eye Bank of Wisconsin
*Damage-Associated Molecular Patterns in Diabetic Retinopathy*

**Heather Moss, MD, PhD**
Eye bank: San Diego Eye Bank
Stanford University
*Characterization of novel foveal pit pathology in multiple sclerosis*

**Karen Peynshaert, PhD**
Eye bank: Antwerp University Hospital
Ghent University
*ICG-mediated photoablation of the inner limiting membrane to enhance retinal delivery after intravitreal injection*

2020
Cycle 1

**Silke Becker, PhD**
John A. Moran Eye Center
Eye bank: Utah Lions Eye Bank
*Lipid mediators and neurovascular dysfunction in human diabetic retina*

**Sander Dubovy, MD**
Bascom Palmer Eye Institute
Eye bank: Florida Lions Eye Bank
*Covid-19 in postmortem eyes*

**Yingbin Fu, PhD**
Baylor College of Medicine
Eye bank: Lions Eye Bank of Texas
*Role of AIPB in age-related macular degeneration*

**Michele Madigan, PhD**
Save Sight Institute, University of Sydney
Eye bank: NSW Tissue Bank and Australian Ocular Biobank
*Human choroid melanocytes, oxidative stress and inflammation*

**Teresa Puthussery, OD, PhD**
University of California Berkeley
Eye bank: Lions VisionGift
*A novel approach to assess selective ganglion cell vulnerability in glaucoma*
2020
Cycle 2

Kevin Chan, PhD
New York University Grossman School of Medicine
Eye bank: The Eye-Bank for Sight Restoration
Magnetic resonance imaging of healthy and glaucomatous eyes

Rosario Fernandez-Godino, PhD
Massachusetts Eye and Ear
Eye bank: Lions Eye Institute for Transplant and Research
Complement activation via tick-over as a potential target to treat AMD

Peter Koulen, PhD
University of Missouri - Kansas City, School of Medicine
Eye bank: Kansas Eye Bank & Cornea Research Center
Novel method for efficient cryo-storage of human corneas

Ajay Sharma, PhD
Chapman University
Eye bank: Saving Sight
Impact of diabetes mellitus on corneal antigen-presenting cells