Research Progress

For more than 35 years, Glaucoma Research Foundation has funded innovative clinical and laboratory research. We will continue to lead the way in research until a cure is found. Glaucoma Research Foundation invests in individual research grants to expand our knowledge about glaucoma — and we fund multi-year collaborative research to find new ways to diagnose, manage, and prevent this blinding disease.

Catalyst for a Cure

The Catalyst for a Cure team is working collaboratively to identify new, specific and sensitive biomarkers for glaucoma. The team of investigators continues to make significant progress in their research. The impact of their work will be valuable to both patients and eye doctors, potentially transforming how glaucoma is diagnosed and treated.

Alfredo Dubra, PhD
Associate Professor of Ophthalmology and Biophysics, Department of Ophthalmology, The Eye Institute, Medical College of Wisconsin, Milwaukee
The main goal of the Dubra lab is to develop non-invasive optical imaging methods for early detection and monitoring of eye disease.

Jeffrey L. Goldberg, MD, PhD
Professor and Chair, Department of Ophthalmology
Stanford University School of Medicine
Dr. Goldberg’s research is directed at neuroprotection and regeneration of retinal ganglion cells and other retinal neurons.

Andrew Huberman, PhD
Assistant Professor of Neurosciences, Biology and Ophthalmology
University of California, San Diego
The Huberman lab seeks to develop new strategies to monitor, prevent, and treat retinal ganglion cell loss in glaucoma.

Vivek Srinivasan, PhD
Assistant Professor of Biomedical Engineering
University of California, Davis
The Srinivasan laboratory develops novel optical imaging techniques and diagnostics with applications spanning from basic to clinical research.

Learn more at www.glaucoma.org/research
Glaucoma Research Foundation—San Francisco, CA—Tel. 415-986-3162
2016 Grants for Innovative Glaucoma Research
Through generous philanthropic support, Glaucoma Research Foundation provides seed funding for creative projects that hold promise and explore new research territory.
All grants are in the amount of $40,000.

W. Michael Dismuke, PhD
Duke University Eye Center, Durham, NC
Project: Role of Exosomes in Glaucomatous Lamina Cribrosa Remodeling

Kevin Park, PhD
University of Miami Miller School of Medicine, Miami, FL
Project: Axon-astroglial Interaction and its Effects on Optic Nerve Repair

Cynthia L. Pervan, PhD
Edward Hines, Jr. VA Hospital, Hines, IL
Project: Mitochondrial-specific Antioxidant XJB-3-151 as a Novel Therapeutic Strategy to Lower Elevated Intraocular Pressure

Ian Pitha, MD, PhD
Johns Hopkins University, Wilmer Eye Institute, Baltimore, MD
Project: Neuroprotection through Altered Scleral Biomechanics

Carla J. Siegfried, MD
Washington University School of Medicine, St. Louis, MO

David T. Stark, MD, PhD
Stein Eye Institute, David Geffen School of Medicine at UCLA, Los Angeles, CA
Project: Endocannabinoids in Retinal Ganglion Cell Regeneration

David A. Sullivan, MS, PhD, FARVO
Schepens Eye Research Institute, Massachusetts Eye and Ear, Harvard Medical School, Boston, MA
Project: Estrogen & Glaucoma

Frank Talke, PhD
University of California, San Diego
Project: Development of an Optical-based Intraocular Pressure Sensor

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