# Knights Templar Eye Foundation, Inc.

## Those Receiving Career Starter Grants for 2017 - 2018

| Recipients Name | Institution | City | State | Proposal |
|---|---|---|---|---|
| Benjamin Bakondi PhD | Cedars-Sinai Medical Center | Los Angeles | CA | Evaluating the Safety and Efficacy of Translational CRISPR Gene Editing for Retinitis Pigmentosa. |
| Revathi Balasubramanian PhD | Columbia University Medical Center | New York | NY | Role of FGF and WNT signaling in the development of ciliary margin |
| Jesse L Berry | Children's Hospital Los Angeles | Los Angeles | CA | RB1 Gene Mutation Analysis in the Aqueous Humor of Retinoblastoma Eyes: A Surrogate Liquid Tumor Biopsy |
| Sandipan Datta PhD | University of California, Davis School of Veterinary Medicine | Davis | CA | Mitochondrial gain-of-function-targeted drug repurposing for retinoblastoma |
| Silvio A Di Gioia PhD | Boston Children's Hospital Harvard Medical School | Boston | MA | Dissecting the genetic basis of Duane retraction syndrome using zebrafish |
| Yury Garkun PhD | Icahn School of Medicine at Mount Sinai | New York | NY | Removing proteolytic brake from inhibitory circuits for recovery from Amblyopia |
| Aruna Gorusupudi PhD | John A. Moran Eye Center University of Utah School of Medicine | Salt Lake City | UT | Maternal Supplementation with VLC-PUFAs as a Treatment for STGD3 |
| Carey Y L Huh PhD | University of California, Irvine | Irvine | CA | Exploring Neural Mechanisms of Visual Acuity Loss in a Mouse Model of Amblyopia |
| Kim Jiramongkolchai | Wilmer Eye Institute | Baltimore | MD | Fetal Hemoglobin as a Protective Biomarker in the Development and Progression of Retinopathy of Prematurity |
| Chi-Hsiu Liu PhD | Boston Children's Hospital | Boston | MA | The Role of microRNA-145 in Retinopathy of Prematurity |
| Allison Martin MD | Johns Hopkins University | Baltimore | MD | Potential for Combining BRAF inhibitors with Programmed Death Pathway Blockade in Pediatric Gliomas of the Optic Pathway |
| Tapan P Patel PhD | W. K. Kellogg Eye Center University of Michigan | Ann Arbor | MI | Smartphone-based wide-field fundus photography for diagnosis and telemedicine in pediatric retinal diseases |
| Amrita Pathak PhD | Vanderbilt Eye Institute Vanderbilt University Medical Centre | Nashville | TN | Molecular analysis of cell-cell interactions during optic fissure closure in the developing mouse eye |
| Nachiket Pendse PhD | Massachusetts Eye and Ear Harvard Medical School | Boston | MA | Use of CRISPR/cas gene editing for USH2A associated inherited retinal degeneration. |
| Lev Prasov PhD | W. K. Kellogg Eye Center | Ann Arbor | MI | Validating myelin regulatory factor (MYRF) as a nanophthalmos gene and regulator of eye development |
| Jun Wang PhD | Baylor College of Medicine | Houston | TX | Identification and functional analysis of Leber Congenital Amaurosis disease-causing genes |
| Nan Wu PhD | Fred Hutchinson Cancer Research Center | Seattle | WA | Investigating targeted therapies for MYCN driven retinoblastoma using a novel mouse model |
| Dongmei Yu PhD | John A. Moran Eye Center University of Utah School of Medicine | Salt Lake City | UT | Understanding usherin extracellular functional domains. |
| Wenlin Zhang PhD | Jules Stein Eye Institute | Los Angeles | CA | Transcriptome Analysis of the Metabolic Reprograming in SLC4A11 Associated Congenital Hereditary Endothelial Dystrophy |