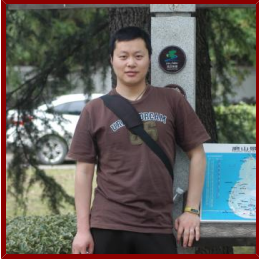


Stanford



Liang Li

Instructor, Ophthalmology

Bio

ACADEMIC APPOINTMENTS

- Instructor, Ophthalmology

PROFESSIONAL EDUCATION

- PhD, Huazhong Agricultural University , Preventive Veterinary (2017)
- Master, Shantou University , Biochemistry and molecular biology (2011)
- Bachelor, Yanshan University , Bioengineering (2008)

Publications

PUBLICATIONS

- **RGC-specific ATF4 and/or CHOP deletion rescues glaucomatous neurodegeneration and visual function.** *Molecular therapy. Nucleic acids*
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- **Longitudinal in vivo Ca2+ imaging reveals dynamic activity changes of diseased retinal ganglion cells at the single-cell level.** *Proceedings of the National Academy of Sciences of the United States of America*
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- **Maprotiline restores ER homeostasis and rescues neurodegeneration via Histamine Receptor H1 inhibition in retinal ganglion cells.** *Nature communications*
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ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2022
- **NMNAT2 and NAD(+) are Downregulated in Glaucomatous RGCs and Overexpression of NMNAT2 Rescues Glaucomatous Neurodegeneration**
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- **Stem cell-derived retinal ganglion cell differentiation and its transplantation**
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- **In vivo fiber photometry of neural activity in response to optogenetically manipulated inputs in freely moving mice** *JOURNAL OF INNOVATIVE OPTICAL HEALTH SCIENCES*
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- **Rabies viruses leader RNA interacts with host Hsc70 and inhibits virus replication** *ONCOTARGET*
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- **Induction of HepG2 cell apoptosis by Irgarol 1051 through mitochondrial dysfunction and oxidative stresses** *TOXICOLOGY IN VITRO*
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- **Enhanced proliferation and differentiation of neural stem cells grown on PHA films coated with recombinant fusion proteins** *ACTA BIOMATERIALIA*
Xie, H., Li, J., Li, L., Dong, Y., Chen, G., Chen, K. C.
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PRESENTATIONS

- In Vivo Evaluation of Naïve and Diseased RGC Activities at Single-Cell Level - ARVO (May 1, 2022 - May 13, 2022)

- Neuroprotection of RGC-specific ATF4 Deletion in Mouse Glaucoma Model - ARVO (April 24, 2023 - April 24, 2023)