

Special Issue on
Mitochondrial Dysfunction in Eye Diseases

CALL FOR PAPERS

Mitochondria are critical for ocular function as they produce most of the energy for cellular function and play an important role in massive cellular processes ranging from metabolic function to calcium homeostasis and the regulation of cell death. Accumulating evidence supports that many eye diseases are tightly connected with mitochondrial dysfunction arisen from inherited mitochondrial mutations or accumulative stochastic mitochondrial damage.

The purpose of this special issue is to solicit original research articles addressing molecular, physiological, and clinical features of ocular diseases with primary, secondary, and potential mitochondrial involvement and emerging therapeutic strategies including preclinical studies and clinical trials.

Potential topics include but are not limited to the following:

- ▶ Mitochondrial dysfunction in glaucoma
- ▶ Mitochondrial dysfunction in age-related macular degeneration
- ▶ Mitochondrial dysfunction in diabetic retinopathy
- ▶ Mitochondrial dysfunction in cataract
- ▶ Leber's hereditary optic neuropathy
- ▶ Autosomal dominant optic atrophy
- ▶ Chronic progressive external ophthalmoplegia

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/joph/mded/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

Lead Guest Editor

Hong Yu, University of Miami, Miami, USA

hyu3@med.miami.edu

Guest Editors

Gustavo C. Munguba, University Hospitals Eye Institute, Willoughby, USA

gustavo.munguba@uhhospitals.org

Ying Hu, Regeneron Pharmaceutical Inc., Tarrytown, USA
ying.hu@regeneron.com

Amit Patel, University of California, San Diego, USA
amp055@ucsd.edu

Yi Shao, The First Affiliated Hospital of Nanchang University, Nanchang, China
freebee99@163.com

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