



life



an Open Access Journal by MDPI

Retinal Disease and Metabolism

Collection Editors:

Dr. Yohei Tomita

Boston Children's Hospital,
Harvard Medical School, Boston,
MA 02115, USA

Dr. Zhongjie Fu

Boston Children's
Hospital/Harvard Medical
School, Boston, MA 02115, USA

Dr. Ayumi Ouchi

The Scripps Research Institute,
Search Results 10550 N Torrey
Pines Rd, La Jolla, CA 92037, USA

Message from the Collection Editors

Dear Colleagues,

Retinal diseases, such as diabetic retinopathy, age-related macular degeneration, and premature retinopathy, are leading causes of vision loss worldwide. Recently, studies have described the metabolic changes that occur during retinal disease development and progression. In this Collection, we focus on the current research progress of retinal disorders. Both clinical and basic studies are welcome. Original research papers and reviews will be considered. We are focusing on research relevant to retinal disorders, related to the topics outlined below:

- *Cell metabolism, to understand the retinal metabolic needs in RPE, photoreceptors, Müller glia, retinal ganglion cells, endothelial cells, and microglia;*
- *Metabolic disorder and retinal diseases, approached from a clinical aspect;*
- *Diseases of blood vessels and the vascular system, such as retinal vascular occlusion, arteriosclerosis, hypertension, blood disease, and diabetic fundus disease;*
- *Inflammation of the retina;*
- *Retinal detachment;*
- *Retinal degeneration and malnutrition;*
- *Retinal tumors;*
- *Glaucoma;*
- *Infection of the retina;*
- *Myopia.*



mdpi.com/si/59210

Topical Collection



life



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology, 08028 Barcelona, Spain

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [CAPlus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)

Contact Us

Life Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/life
life@mdpi.com
[X@Life_MDPI](#)