

Special Issue

Metabolic Eye Diseases: From Tomography to Clinical Prediction

Message from the Guest Editors

This Special Issue aims to explore the intricate relationship between metabolic pathways and ocular health, shedding light on how metabolic dysregulation contributes to disease onset, progression, and clinical outcomes. We invite researchers to contribute original studies and reviews focusing on novel diagnostic approaches, imaging biomarkers, artificial intelligence-driven predictive models, as well as translational insights into metabolic eye diseases. Topics of interest include, but are not limited to, diabetic retinopathy, mitochondrial optic neuropathies, metabolic-related macular degeneration, inherited metabolic disorders affecting vision, and corneal manifestations of metabolic diseases. Corneal involvement in metabolic disorders, such as cystinosis, mucopolysaccharidoses, and Schnyder corneal dystrophy, highlights the diverse ways in which metabolic dysfunctions can impact ocular structures. By integrating cutting-edge tomography techniques with clinical prediction models, this Special Issue seeks to bridge the gap between fundamental research and real-world clinical applications.

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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.

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