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10th Anniversary of Biomedicines—Ophthalmology Disorders

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Deadline for manuscript submissions:

closed (31 December 2023)

Message from the Guest Editors

This Special Issue aims to publish a Special Issue entitled “10th Anniversary of Biomedicines— Gene Therapy in Ophthalmology Disorders”. More than 200 million people worldwide are suffering from severe vision loss. For about 30% of patients suffering from neurodegenerative diseases, treatment options are limited. This includes inherited and frequent noncommunicable diseases such as age-related macular degeneration (AMD) or glaucoma. Gene therapy opens up new avenues in the treatment of these disorders. The eye is particularly interesting for gene therapy due to its accessibility, small size and immune privilege, however, the high complexity of the organ, especially the neuroretina, is a challenge for the development of efficient approaches. Nevertheless, multiple studies are ongoing to analyze approaches to treating monogenetic inherited diseases, such as retinitis pigmentosa, and complex diseases such as AMD, encompassing viral and nonviral treatments, ex and in vivo approaches. We invite the submission of both original articles that report preclinical and clinical studies and reviews, in order to provide an overview on the current state of the art.



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

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