Special Issue

Retinal Disease: Diagnosis and Treatment

Message from the Guest Editors

It is an exciting time in the field of retina. Recently, new diagnostic tools have been introduced, such as optical coherence tomography angiography (OCTA), ultrawidefield imaging, and adaptive optics (AO), aiming at the early diagnosis of retinal diseases and a change in the approach of patient management. Moreover, the usage of machine learning and artificial intelligence has recently developed in the field of retinal diagnostics. Furthermore, the treatment of retinal disease has undergone significant development in the last decade with the introduction of new molecules for intravitreal injections for diabetic macular edema and wet agerelated macular degeneration, new drugs on the horizon for dry AMD, as well as new vitreoretinal surgical techniques, retinal prosthesis, cell-based therapies, and gene therapy for inherited retinal disease. Finally, telemedicine is developing with the chance of diagnosing and treating retinal pathologies in previously unimaginable ways.

This Special Issue aims to create a multidisciplinary forum of discussion concerning new developments in retinal diseases, both in terms of diagnosis and treatment.

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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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