Special Issue

Molecular Pathology, Diagnostics and Therapeutics of Retinal Diseases: 2nd Edition

Message from the Guest Editor

The pathogenesis of different retinal diseases, such as age-related macular degeneration, diabetic retinopathy, non-infectious uveitis, or retinal vein occlusions, is related to inflammatory mediators. The risk of developing visual disability or blindness due to retinal diseases varies largely among affected individuals. Personalized testing strategies and tailored therapeutic interventions may help reduce visual impairment. On the one hand, some biochemical markers can determine the risk of developing a retinal disease and the risk of progression. On the other hand, new advances in imaging technologies for evaluating the retina have improved the visualization of the retinal layers and the monitorization of the changes that diseases affecting the retina generate over time. Optical coherence tomography, which currently can be considered one of the most powerful imaging technologies for ocular diseases, has been suggested as an important source of biomarkers for diagnosing and prognosis of retinal diseases. Therefore, several molecular and structural parameters can be used as risk estimators, potential tools for early diagnosis, and disease management in clinical practice.

Guest Editor

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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