

Special Issue

Immune Pathogenesis and Regulation of Ocular Inflammation

Message from the Guest Editors

Immune responses and inflammation play a key role in a diverse range of eye diseases. In recent years, our understanding of ocular immune responses has widely spread in ocular surface inflammation, uveitis, and transplantation rejection, ocular tumor, age-related macular degeneration, diabetic retinopathy, glaucoma, and optic neuropathy. It is becoming increasingly clear that multiple seemingly unrelated diseases involve immune responses with common themes in their pathogenesis. Overlapping mechanisms raise the possibility that research on disparate topics will relate and opens the possibility for development of management strategies effective against a multitude of conditions. This Special Issue will comprise a selection of research papers and reviews that will provide current knowledge of molecule- and cell-mediated immunity including functions of various types of immune cells and ocular tissue cells in the ocular inflammation. The mechanisms of immune pathogenesis and self-regulation of ocular inflammation will be highlighted. This issue will provide insight on future research and therapeutic approaches.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/62554

*International Journal of
Molecular Sciences*
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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