

Special Issue

Inflammation, Fibrosis and Neovascularisation: New Perspectives for Old Foes in the Pathogenesis of Neovascular AMD

Message from the Guest Editors

Choroidal neovascularisation manifests in advanced macular degeneration as a pathological growth of blood vessels in the choroid. The new blood vessel growth resulting from the choroid is leaky and, if untreated, leads to severe vision loss. Improving our understanding of the molecular processes that underpin these responses is, therefore, crucial to help ameliorate vision loss in neovascular macular degeneration.

For this Special Issue, we would like to invite papers that investigate and discuss the molecular signaling that drives choroidal neovascularisation pathogenesis and/or diagnosis or treatments. Suggested areas are molecular mechanisms of neovascularisation, fibrosis, and inflammation that regulate choroidal neovascularisation in preclinical or clinical settings. This includes novel treatment approaches that target or incorporate gene and cell therapies for choroidal neovascularization and identification or proposal of potential biomarkers (e.g., imaging, blood, or eye fluid) that are either implicated or associated with choroidal neovascularisation. Clinical research that includes molecular mechanism studies will also be welcomed.

Guest Editors

Dr. Alice Brandli

Dr. Matt Rutar

Dr. Helder Andre

Deadline for manuscript submissions

closed (30 January 2024)



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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.

Editor-in-Chief

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