

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
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Deadline for manuscript submissions

closed (30 January 2024)



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