

Special Issue

Mast Cells and Fibrosis

Message from the Guest Editor

Mast cells (MCs) are non-circulating immune cells that develop only when bone marrow-derived precursors have reached their target tissue. These tissue MCs then go through several stages of maturation driven primarily by the c-kit ligand, a stem cell factor, with the final MC phenotype being highly dependent on the microenvironment in which they reside. While mast cells are classically linked to allergic reactions, particularly anaphylaxis, these cells also contribute to other processes within the body—some beneficial and some detrimental. Accumulating evidence suggests that mast cells are important in promoting fibrosis in numerous organs. This Special Issue on “Mast Cells and Fibrosis” welcomes submissions that both support a pro-fibrotic role for mast cells as well as evidence against mast cells being pro-fibrotic, and the studies can relate to any organ.

Guest Editor

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Deadline for manuscript submissions

closed (18 June 2021)



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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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