

Special Issue

Advances in Metalloproteinase

Message from the Guest Editor

Matrix metalloproteinases (MMPs) are a family of calcium-dependent zinc-containing endopeptidases that actively participate in the degradation of the extracellular matrix. These MMPs play pivotal roles in various pathological conditions, including cancer, inflammation, angiogenesis, atheroma, arthritis, and ulceration. Understanding the specific roles of MMPs in these processes is crucial for developing targeted therapeutic interventions. In some cases, MMP inhibitors are being explored as potential treatments for diseases where MMP activity is dysregulated. This Special Issue, titled “Advances in Metalloproteinase”, delves into the intricate functions of MMPs, their substrate specificity, tissue inhibitors of metalloproteinases, and the activation of proMMP in disease contexts. We invite contributions in the form of original research and review articles focusing on the diverse aspects of MMPs. [Special Issue](#) link: https://www.mdpi.com/journal/ijms/special_issues/APT_G2W7448

Guest Editor

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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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