

Special Issue

MMPs and EMMPRIN/CD147 in Physiological and Pathological Processes

Message from the Guest Editor

MMPs have been implicated in numerous physiological and pathological situations, such as neoplasia, osteogenesis, myocardial infarction, osteoarthritis, or inflammation. Wide-ranging evidence has also implicated MMP dysregulation in tumor invasion, neoangiogenesis, and metastasis. EMMPRIN, a membrane glycoprotein greatly enriched on the surface of tumor cells, has been shown to stimulate the synthesis of MMPs in stromal cells and may account for the increased MMP expression in most cancer tissues. Apart from direct cell contact, cell interactions can also be influenced by soluble factors such as cytokines, growth factors, or extracellular vesicles. Such nodes of communication between cells might lead to dysregulations of ECM remodeling in physiological and pathological processes. In this Special Issue, original and review articles on basic science and preclinical and clinical findings are warmly welcome to contribute to our understanding of MMPs and their regulations.

Guest Editor

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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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