

Special Issue

Purinergic Signalling in Cancer and Inflammation

Message from the Guest Editor

Adenosine triphosphate (ATP) is the energy currency of cells. It is also a potent inflammatory molecule, which is released from cells via connexion and pannexin hemichannels or directly from necrotic cells into the extracellular space. ATP may signal via P2 receptors and this pathway is implicated in a number of pathological states. ATP is rapidly cleared from the extracellular space by ectonucleotidases generating adenosine. Adenosine signals via the P1 receptors and mediates a number of pathophysiological processes. This Special Issue explores the role of purinergic signalling in inflammatory states and cancer.

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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