



## Purinergic Signalling in Cancer and Inflammation

Guest Editor:

**Dr. Karen Dwyer**

1. School of Medicine, Faculty of  
Health, Deakin University,  
Geelong, VIC 3220, Australia  
2. Royal Melbourne Hospital,  
Parkville, VIC 3050, Australia

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### Message from the Guest Editor

Dear Colleagues,

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.

Prof. Dr. Karen Dwyer  
*Guest Editor*





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Department of  
Odontostomatologic and  
Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of  
Medicine, Università Politecnica  
delle Marche, Via Ranieri 65,  
60100 Ancona, Italy

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