

Special Issue

Adenine Nucleotide Signaling and Modulation of the Immune Response

Message from the Guest Editor

Besides their well-known roles in energy metabolism, adenine nucleotides and nucleosides (AN) are essential and ubiquitous signaling molecules that mediate cellular communication. Extracellular AN act as signaling molecules that coordinate the functions of diverse cell types within tissues, a concept known as purinergic signaling. Inside cells, AN are important second messengers that translate external stimuli into cellular responses, e.g. by regulating cytosolic calcium levels in T lymphocytes in response to engagement of the T cell receptor. This Special Issue focuses on the role of AN in modulating inflammation, i.e. the reaction of the immune system to perceived danger or damage to cells. For further reading, please visit the [Special Issue website](#).

Guest Editor

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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