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Purinergic Signalling and Inflammation-Related Diseases

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Message from the Guest Editors

Compelling evidence accumulated over the past number of decades has demonstrated purinergic signalling to mediate a broad range of cellular functions in health and disease. Among these, inflammation has attracted the most attention as one of the main pathways by which purinergic signalling contributes to diseases. Much progress has been made in dissecting purinergic signalling cascades, and, most importantly, the use of highly specific drugs targeting different components of the purinergic system has provided compelling evidence for a causal role of purinergic signalling in almost every human pathological condition ranging from cancer, to bone diseases, to diabetes, and to diseases of the brain.

This present Special Issue will provide a broad overview of how purinergic signalling regulates inflammatory pathways and the contribution of purinergic signalling to acute and chronic diseases.



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Special Issue



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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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