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Connexin-Based Channels in Inflammatory Processes

Guest Editor:

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Message from the Guest Editor

Hemichannels and gap junction channels (GJCs) participate in cellular communication, allow the interchange of ions and metabolites between cells, and between cells and the extracellular media. Inflammation is a complex process that encompasses the cellular response to damage caused by a wound or infection by pathogens. Commonly the inflammatory response is accompanied by the release of proinflammatory cytokines, chemokines and free radicals. All of them can modulate the activity of hemichannels as well as GJCs. This Special Issue aims to gather the latest evidence that shows how inflammatory processes affect cellular communication mediated by connexins and how these channels participate in the amplification of tissue inflammation.

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Message from the Editor-in-Chief

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