

Special Issue

Cellular Signalling Transduction

Message from the Guest Editors

It is well known that physiologically cells need to communicate with those around them and respond appropriately to the stimuli of the microenvironment. Signal transduction is a complex process that involves the passage of information along signaling pathways involving different proteins that undergo, during the process, conformational changes important for their activity. The first event of pathological conditions, such as neoplasia as well as neurological, immunogenic, or cardiac pathologies, is the alteration of this condition that finally determine a qualitatively and quantitatively altered downstream signaling. An understanding of cellular transduction pathways will be helpful to clarify the evolution of a pathological condition and the subtle balance that regulates cellular homeostasis. The Special Issue focuses on recent studies and clinical submissions with biomolecular experiments to have a more complete comprehension of cellular transduction signaling in physiological and pathological conditions, considering all the aspects of this complex puzzle.

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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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