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Ras Proteins and Their Regulators in Health and Disease

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Deadline for manuscript
submissions:

closed (15 December 2022)

Message from the Guest Editor

Dear Colleagues,

In this Special Issue, we will focus on the regulation of Ras and Ras-like GTPase proteins in human disease, including the role of Ras and Rab proteins in cancer and neurodegeneration. For example, depending upon the precise Ras family member, activated Ras proteins can recruit specific binding partners, such as sorting adaptors, tethering factors, kinases, phosphatases, and motor proteins. These complexes can influence not only cell signaling, but also other critical intracellular events that may include vesicle formation, transport, and tethering.

The purpose of this Special Issue is to focus on research progress involved in the regulation of Ras proteins by adaptors or modulatory factors that may be present in a complex with the Ras protein, or participate in the attachment or tethering of the Ras protein to intracellular organelles or multi-subunit complexes, including those undergoing trafficking inside cells. Consequently, we invite the community to submit either original articles or reviews covering the above mentioned field.

We look forward to your contributions.



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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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