



Ras Subfamily and Regulators in Human Disease and Repair

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Message from the Guest Editors

Dear Colleagues,

In this Special Issue we focus on the impact of Ras and Ras-like GTPase proteins on human disease and repair.

We believe that the impact of Ras and Ras-like proteins on brain cell functions such as neuronal survival, neuronal cell volume, synaptic transmission, synaptic connectivity, neuronal guidance, and myelination is rather underestimated. Ras and Ras-like proteins appear to be involved in neurodegenerative diseases i.e., Alzheimer's, Parkinson's and autism spectrum disorders. The therapeutic potential of Ras and Ras-like proteins as pharmacological targets or as agents counter-regulating the disease state by enhancement of tissue regeneration using novel strategies in magnetogenetics or optogenetics are just emerging. Manuscripts may cover either original data in a specialized field, short reviews or a comprehensive review e.g., bridging molecular and clinical perspectives. Contributions to any aspect discussed here are encouraged, as well as related topics not explicitly mentioned.





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Message from the Editor-in-Chief

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