

## Special Issue

# Ras Subfamily and Regulators in Human Disease and Repair

### Message from the Guest Editors

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.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 June 2021)



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 8.1  
Indexed in PubMed



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Molecular Sciences*  
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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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### Editor-in-Chief

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