

## Special Issue

# Recent Advances in Intermediate Filaments

### Message from the Guest Editor

Intermediate filaments (IFs) are responsible for the critical structural integrity of cells and tissues and regulate several important cellular processes including cell migration and adhesion, apoptosis, proliferation, differentiation, autophagy, signaling, gene expression, vesicle trafficking, mitochondrial function, and cell fate determination. Mutation in IF genes results in a wide range of human diseases; these filaments play important roles in the context of cancer, inflammation and other immune diseases, muscular syndromes, progeria, lipodystrophies, and digestive diseases. In this Special Issue, we invite investigators to submit original research or review articles on the many facets of intermediate filament and on recent insights in this field. Topics include but are not limited to the following: IF and mechanobiology; IF modifications and regulation; IF in nuclear function; IF in signaling; IF in digestive biology and diseases; IF in immunology and inflammation; IF in cancer; IF in laminopathies; IF in muscular diseases

### Guest Editor

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### Deadline for manuscript submissions

closed (31 May 2021)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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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