

# Special Issue

## The Role of Myosins in Cells

### Message from the Guest Editor

The myosin superfamily is a large, diverse group of actin-molecular motor proteins, involved in intracellular movement within cells and in intra- and intercellular signaling pathways. For instance, Myosin-Ic can regulate lipid rafts, an important cellular structure for cell signaling and pathogen entry. Myosin-Va has been implicated in the transport of exosomes, while Myosin-X induces numerous cellular protrusions, including TNTs, and is involved in intercellular disease spread. In this Special Issue, we especially welcome research articles that shed light on the molecular mechanisms and role that Myosins play in cell communication by modulating intracellular signaling as well, as their role in cell-to-cell communication via secretory vesicles and/or via membrane bridges and cellular protrusions. The scope of this special issue is broad. Review articles which summarize the current state of the field are also encouraged.

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### Guest Editor

Prof. Karine Gousset  
California State University, Fresno, Fresno, CA, USA

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### Deadline for manuscript submissions

closed (31 May 2022)



## 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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### Editor-in-Chief

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