

Special Issue

Cytoskeleton and Regulation of Mitosis

Message from the Guest Editors

Entry and progression through mitosis requires extensive reorganization of the cytoskeleton. These cytoskeletal changes need to be tightly coupled with the main mitotic regulators to ensure that cells assemble a functional mitotic spindle, capture and correctly segregate chromosomes and finally, complete cytokinesis. In this Special Issue, we invite colleagues to submit both their original research articles and reviews on the crosstalk between cytoskeleton and mitosis. Topics of interest include, but are not limited to, microtubule dynamics, mitotic spindle assembly and disassembly, motor-proteins driven processes, chromosome motion, kinetochore–microtubule interface, kinases and phosphatases–based regulation, technology and methods for investigation and analysis of cytoskeleton and cell division. Bringing together the current work and views on cytoskeleton and regulation of mitosis, we aim to boost further exploration and better understanding of the processes that ensure faithful cell division.

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Deadline for manuscript submissions

closed (30 November 2018)



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.3
Indexed in PubMed



mdpi.com/si/15385

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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