

Special Issue

Molecular Control of Chromosome Segregation and Stability in Mitosis

Message from the Guest Editor

A Special Issue on the “Molecular Control of Chromosome Segregation and Stability in Mitosis” is being prepared for *IJMS*. During mitosis, the cell must accurately divide its replicated chromosomes into two daughter cells by following a series of well-orchestrated events. Because errors in this process can lead to aneuploidy or chromosomal instability, which are associated with human disorders or cancer, understanding the mechanisms that safeguard chromosome segregation is a major focus of biomedical research. For this Special Issue, we welcome submissions (original papers and reviews) that address the mechanisms of mitotic cell division, including mitotic spindle formation, kinetochore assembly, kinetochore–microtubule interactions, spindle checkpoint signaling, cytokinesis, and the abscission checkpoint in higher eukaryotic cells.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2022)



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About the Journal

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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