

## 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.

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### Guest Editor

Dr. George Zachos  
Department of Biology, University of Crete, 70013 Heraklion, Greece

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### Deadline for manuscript submissions

closed (31 December 2022)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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