



cells



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The Regulation of the Cell Cycle

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Deadline for manuscript submissions:

closed (15 June 2022)

Message from the Guest Editors

This Special Issue of the Journal *Cells* aims to familiarize readers with the diverse aspects of cell cycle, its history and principles. It will collect answers from leading cell cycle specialists to the most pressing issues related to its current investigation in multicellular organisms and its link to human pathologies in particular cancers.

These questions we seek to answer include, but are not limited to, the following:

- (1) What controls the cell cycle?
- (2) Why so many cdk/cyclin?
- (3) What is a checkpoint?
- (4) What is the link between Go and cilia?
- (5) What is G1 for?
- (6) What are S phase and DNA replication and what link is there between them?
- (7) What is the link between S phase and centrosome duplication?
- (8) What is G2 for?
- (9) What is mitosis?
- (10) What is cytokinesis?
- (11) What is the link between cell cycle and evolution?
- (12) What is the cell cycle of stem cells, and “asymmetric division”?



mdpi.com/si/73156

Special Issue



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(14) What is the link between cell cycle and cancers?

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Journal Rank: JCR - Q2 (*Cell Biology*) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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