



cells



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The Regulation of the Cell Cycle II

Guest Editors:

Prof. Dr. Rustem E. Uzbekov

Laboratory of Cell Biology and Electron Microscopy, Faculty of Medicine, University of Tours, 10, Boulevard Tonnelle, 37032 Tours, France

Dr. Claude Prigent

Directeur Centre de Recherche en Biologie cellulaire de Montpellier (CRBM), Cell Cycle Team, CNRS CRBM UMR5237, CEDEX 05, 34293 Montpellier, France

Deadline for manuscript submissions:

closed (29 February 2024)

Message from the Guest Editors

This second Special Issue of the journal *Cells*, “The Regulation of the Cell Cycle II” aims to familiarize readers with the new aspects of the cell cycle beyond the basic principles. It will collect from leading cell cycle specialists answers to the most pressing issues related to current investigations in multicellular organisms and the cell cycle’s link to human pathologies in particular cancers.

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

1. Beyond kinases, what is the role of phosphatases?
2. How many checkpoints are there?
3. What are the functions of the centrosome and cilia?
4. What is the connection between the cell cycle and cancer?
5. What are the functions of cytokinesis, abscission, and midbody?
6. Is there cell division in epithelia?
7. What is the connection between the cell cycle and evolution?
8. How can we explain asymmetric cell division?
9. What is the connection between cell division and organ size?

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Special Issue



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Copenhagen, Copenhagen,
Denmark

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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Contact Us

Cells Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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