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Bioinformatics and Computational Biology 2019

Guest Editors:

Dr. Ka-Chun Wong

Dr. Kathleen Steinhofel

Dr. James Cai

Dr. Pingzhao Hu

Deadline for manuscript
submissions:

closed (31 December 2019)

Message from the Guest Editors

In recent years, we have witnessed a series of breakthroughs in molecular biology and its companion technologies; for instance, CRISPR-Cas9 technology has attracted worldwide attention for its translational applications to human embryo gene editing. Nonetheless, those wet-lab technologies have raised multitudes of computational challenges such as off-target sequence analysis, combinatorial sequence mutation patterns, genotype–phenotype relationship mining, high-throughput sequencing data processing, and genomic data integration with other medical data.

In the Special Issue, we envision that bioinformatics and computational biology will play a larger role than in the past for addressing these computational challenges. We invite your contributions, either in the form of original research articles, reviews on all aspects related to the theme of “Bioinformatics and Computational Biology”.

Bioinformatics
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Genome research
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Special Issue



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Editors-in-Chief

Prof. Dr. Alexander E. Kalyuzhny

Neuroscience, UMN Twin Cities,
6-145 Jackson Hall, 321 Church St
SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation
Centre, The University of
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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