Special Issue

State of the Art in Computational Modeling of Cancer Immunotherapy

Message from the Guest Editor

Cancer immunotherapies have gained much deserved interest in recent years with the development of personalized treatments utilizing tumor-infiltrating lymphocytes (TILs), CAR T cells, and adoptive cell therapy protocols. However, there is still need for improvements in the immune treatment properties, scheduling, or design of combination therapies that can overcome current treatment limitations. Mathematical and computational models can provide a tool for analyzing experimental and clinical data; developing new hypotheses; identifying mechanisms of interactions between tumor, immune, and stromal cells; testing schedules of immunotherapies combined with other treatments; and stratifying responses to immunotherapies. In this Special Issue, we welcome contributions that highlight the status of the computational and mathematical modeling of cancer immunotherapies, and both data-driven and theory-based approaches that address various aspects of cancer immunotherapy will be considered.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

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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