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Quantitative Models of Autoimmunity

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Deadline for manuscript
submissions:

closed (31 August 2022)

Message from the Guest Editors

Dear Colleagues,

In this Special Issue, we invite your contributions, either in the form of original research articles, reviews, or shorter perspective articles on all aspects related to the theme of “Quantitative Models of Autoimmunity”. Articles with promising insights, sound methodology, and novel results are particularly welcome. Relevant topics include but are not limited to the following:

- Quantitative models of T cells mediated autoimmune disorders;
- Role of regulatory T cells in autoimmunity;
- Models of central and peripheral tolerance;
- Quantitative models of B cells mediated autoimmune disorders;
- Models of spontaneous formation of germinal centers;
- Role of T cells–B cells cross-communication in autoimmunity;
- Role of neuro-endocrine system in immunological self-tolerance;
- Quantitative models of immunotherapy in autoimmune diseases;
- Quantitative models of intra- and intercellular signaling events in autoimmunity.



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Special Issue



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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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