Special Issue

Dendritic Cells in Health and Disease

Message from the Guest Editor

As the principal cell types through which environmental cues and danger signals are detected, integrated, and transmitted to immune effectors, dendritic cells occupy a dominant position atop the hierarchy of the adaptive immune system. Whether adaptive immunity triumphs or errs, the ultimate consequence is substantially dependent upon the manner in which dendritic cells interpret the myriad of signals that inform immune outcomes as well as specific polymorphisms and mutations that shape their function and phenotype. Thus, any study providing insight into these critical topics will be of interest to this Special Issue, particularly if the results provide novel insights into dendritic cell governance of immune homeostasis in health and disease. Keywords

- immune homeostasis
- TH polarization
- signaling
- interferon
- central tolerance
- peripheral tolerance
- exosomes
- microRNAs
- cytokines
- chemokines

Guest Editor

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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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