

Special Issue

Tissue-Specific Immune Response

Message from the Guest Editor

One of the most fascinating features of the immune system is its presence in a wide variety of organs of the body. Innate as well as adaptive immune cell populations have been shown to reside in tissues, where they closely interact with the various cell types that surround them. By doing so, they perform important tasks in the maintenance of tissue homeostasis, as well as under pathological conditions, such as chronic inflammation, autoimmunity, and neoplasms. In recent years, technological advances in the field of imaging as well as single-cell technologies have contributed to our understanding of how tissue-specific immunity is orchestrated at a cellular and molecular level. In this Special Issue of *Cells*, we would like to call for contributions, which analyze tissue-specific aspects of immunity. This may include, but is not limited to, aspects of tissue residence and tissue-resident immune memory, immunological barrier functions at mucosal surfaces, and compartmentalized immune responses, such as immunity within the CNS.

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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