



cells



an Open Access Journal by MDPI

Immunomodulatory Factors in Host Defense

Guest Editor:

Prof. Reiko Shinkura

Laboratory of Immunology and Infection Control, Institute of Quantitative Biosciences, The University of Tokyo, 1-1-1 Yayoi, Bunkyo-ku, Tokyo 113-0032, Japan

Deadline for manuscript submissions:
closed (15 February 2022)

Message from the Guest Editor

Dear Colleagues,

Our body itself is well organized to maintain homeostasis by sophisticated regulatory systems including nervous, metabolic, and circulatory systems. However, once exogenous materials are recognized by the host immune system, the expression and activation of proinflammatory cytokines, chemokines, and adhesion molecules will affect these systemic regulatory systems and sometimes disturb the homeostatic balance, resulting in diseases. Thus, further research is necessary to explore a new regulatory strategy of such inflammatory responses.

This Special Issue will welcome contributions focused on the interaction between host and exogenous materials including microorganisms and chemicals to unravel the bases of human disease.

Prof. Reiko Shinkura
Guest Editor



mdpi.com/si/24252

Special Issue



cells



an Open Access Journal by MDPI

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [CAPus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Cell Biology*) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/cells
cells@mdpi.com
[X@Cells_MDPI](#)