

## Special Issue

# The Role of Mucosal Immune System in Human Health and Disease

### Message from the Guest Editor

The purpose of this Special Issue is to disseminate original research and review articles that focus on the cutting-edge knowledge regarding mucosal immune responses. Studies addressing pathophysiological mechanisms and therapeutic strategies related to mucosal immunity are invited. Topics can include, but are not limited to, the following:

- Mechanisms employed by pathogens that can breach the mucosal barrier and compromise immune defence;
- Development of effective mucosal vaccines and novel mucosal adjuvants;
- Novel effector immune components and mechanisms in allergic inflammation;
- Therapeutic strategies that aim to treat and control the development of allergy;
- Autoimmune responses from the perspective of mucosal immunology
- Interaction between the microbiome and mucosal immunity.

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### Guest Editor

Prof. Dr. Zou Xiang

Department of Health Technology and Informatics, The Hong Kong Polytechnic University, Hong Kong SAR, China

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### Deadline for manuscript submissions

closed (31 August 2023)



## Biomedicines

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## About the Journal

### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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### Editor-in-Chief

Prof. Dr. Felipe Fregni

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