

Special Issue

Multisystem Crosstalk in Health and Disease

Message from the Guest Editor

Recent advances in biomedicine demonstrate that health and disease arise from dynamic crosstalk among multiple biological systems; however, substantial knowledge gaps remain in connecting these interactions across scales, from molecular pathways to whole-body physiology. This Special Issue aims to integrate diverse research perspectives to advance a holistic understanding of health. We welcome submissions on foundational mechanisms, such as signaling networks bridging different systems, as well as translational studies identifying biomarkers and interventional strategies targeting multisystem interactions. In addition, we invite clinical investigations into how immune-metabolic dysregulation contributes to disease pathogenesis and novel therapeutic approaches. By illuminating the roles of systemic crosstalk, this issue seeks to uncover underexplored links and inspire innovative strategies that ultimately improve outcomes in chronic diseases and complex conditions.

Guest Editor

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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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