

Special Issue

Inflammation and Vascular Biology in Regenerative Medicine

Message from the Guest Editors

This Special Issue, titled "Inflammation and Vascular Biology in Regenerative Medicine", aims to explore the intricate interplay between inflammation, vascular dynamics, and the emerging field of regenerative medicine. This Special Issue welcomes original research, reviews, and studies that probe the multifaceted relationship between inflammation, vascular responses, and regenerative medicine across diverse contexts of tissue injury and regeneration. Topics of interest encompass the molecular mechanisms underlying inflammatory vascular injuries, the vascular orchestration of immune responses, immune-vascular interactions in tissue healing, the influence of immune and vascular factors (like cytokines, growth factors, and angiocrine factors) on injury and regeneration, and innovative therapeutic avenues targeting inflammation and the vascular system. By elucidating these connections, the Special Issue aims to foster insights and inspire novel strategies to enhance tissue repair and regeneration by leveraging the synergistic effects of inflammation and vascular biology.

Guest Editors

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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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