Special Issue

Animal Models for the Study of Cardiovascular Physiology

Message from the Guest Editor

Cardiovascular diseases, which include coronary heart disease, cerebrovascular disease, rheumatic heart disease, peripheral vascular disease, and other conditions, represent the leading cause of death worldwide. Stroke and ischemic diseases are also consequences of hypertension. Since there are several behavioral risk factors for cardiovascular diseases, such as unhealthy diet, physical inactivity, tobacco consumption, and harmful use of alcohol, associated with hypertension, diabetes, and excess weight, the treatment for these pathologies can be very complex. Therefore, a deeper understanding of the disease mechanisms could significantly contribute to more effective treatment and to a reduction in premature deaths from cardiovascular diseases. Animal models are useful as they represent the main strategy for exploring the different mechanisms involved in cardiovascular diseases. this Special Issue invites you and your colleagues to share your expertise and knowledge by submitting original research articles, systematic reviews, and review articles that report new ideas and recent advances on this topic.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2025)

Biomedicines

an Open Access Journal by MDPI

**Impact Factor 3.9
CiteScore 6.8
Indexed in PubMed**

mdpi.com/journal/
biomedicines

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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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