Animal Models for the Study of Cardiovascular Disease

Guest Editor:

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Deadline for manuscript submissions:
closed (30 November 2020)

Message from the Guest Editor

Cardiovascular disease is one of the leading causes of death worldwide. Thanks to animal models, basic research has made a substantial contribution to the knowledge of cardiovascular risk factors and disease pathogenesis, enabling the development of diagnostic techniques and the establishment of therapeutic strategies. Even though animal models never completely resemble the human clinical situation, they can provide important information on the pathologic mechanisms of the disease, allowing the study of several variables under very controlled conditions and applying procedures that are difficult to use in clinical conditions, always prioritizing animal welfare and humane treatment.

We welcome submissions of original research or review papers, focused on different aspects of animal models applied in the study of cardiovascular disease, including (but not limited to) description and characterization of novel experimental models, the study of pathological mechanisms underlying the different manifestations of cardiovascular disease, and novel methodologies, diagnostic techniques, medical and surgical treatments applied in small or large animals.

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Message from the Editor-in-Chief

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