

Special Issue

Advances in Rabbits Cardiac Electrophysiology

Message from the Guest Editors

Rabbit has been used in some fields of research (Physiology, Pathophysiology, adaptations due to physical exercise, etc.). Its characteristics are interesting in Cardiovascular Physiology, specifically to properties that do not depend on central nervous control or humoral factors. In the electrophysiological part, it presents an automatism that exhibits pauses in the recovery time of the sinus node after stimulation and is susceptible to modification by chronic physical exercise. The conduction system towards the ventricles presents nodal delay in orthodromic conduction, but also retrograde conduction, which allows an analysis of the conduction system, in physiological situation and in atrial and ventricular fibrillation. The ventricular myocardium exhibits little inhomogeneity in the dispersion of refractory periods and repolarization. Rabbit, is an ideal model for examining the effects of aerobic training, and by using the appropriate intensity, duration, and frequency of exercise, a cardiovascular training effect can easily be obtained. The aim of this issue is to show the recent advances in the knowledge of rabbits Cardiac Electrophysiology.

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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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