Special Issue

Anaesthesia and Analgesia in Laboratory Animals

Message from the Guest Editors

The aim of this Special Issue is to highlight the most recent advancements in anaesthesia and analgesia for laboratory animals. Biomedical research involves several animal species including rodents, rabbits, fishes, amphibians, reptiles, birds, ruminants, swine, dogs and cats, and non-human primates. Anaesthesia or analgesic treatment in these animals is required in several situations, either correlated with the experimental procedures or with the clinical conditions of the animals. In these cases, the anaesthetic and analgesic approach should consider not only the species-specific characteristics, in some cases the peculiarities of the strain, but also the objectives and the requirements of the research protocol. It is now widely recognised that the refinement of the anaesthesia and analgesia is crucial not only for ensuring animal wellbeing, but also for high-quality research outcomes. We therefore invite the submission of original studies, case reports, or reviews focusing on anaesthesia and analgesia, including loco-regional anaesthetic techniques, specifically refined for laboratory animal species.

Guest Editors

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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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