The Use of Animals in Animal Experimentation

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to address several topics, including:

- When is it necessary to use experimentation animals in veterinary medicine research?
- Are there reliable alternatives to the use of experimental animals? How valid are they?
- Importance of the care and handling of experimental animals: could they affect the experimental results?
- Importance of the 3Rs (reduction, replacement, and refinement) in animal experimentation.
- Statistical models for reliable results with the least number of animals. The importance of the R program.
- Is legislation on animal experimentation similar in all countries? How can this affect the repeatability and reliability of the studies?
- Which animal species are the most suitable for each specific study: nutrition, veterinary vaccines, therapeutics, etc.? This item includes not only rodents but also other animal species (ruminants, pigs, dogs, or cats, among others).
- Welfare of experimental animals: behavior, environmental enrichment. New studies or methods. Its importance in stress reduction.

Special Issue

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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 (2023, ranks 10/80 (Q1) in 'Agriculture, Dairy & Animal Science'; 16/167 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.0.

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