

## Special Issue

# Research Animal Welfare: Current Practices and Future Directions

### Message from the Guest Editors

The use of research animals remains essential for conducting biomedical research and advancing both human and veterinary medicine. However, it is a significant responsibility and ensuring animal welfare must always be a top priority. Key components for improving welfare include high-quality animal husbandry and healthcare, comprehensive staff training, and an effective post-approval monitoring (PAM) process. Training personnel in proper animal handling and experimental procedures is essential for minimizing animal distress. The PAM process ensures that research complies with approved protocols and regulations, safeguarding animal welfare throughout the study. We seek strategies and tools that can improve animal welfare and explore how automated and continuous animal monitoring through artificial intelligence and digital biomarkers can advance welfare practices.

### Guest Editors

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### Deadline for manuscript submissions

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## Animals

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## About the Journal

### 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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