# **Special Issue**

# Enhancing Male Animal Reproduction: Focus on Testicular Health, Semen Quality, and Fertility

# Message from the Guest Editors

Male reproductive health is crucial for the sustainability and productivity of animal populations. Advances in animal science highlight the link between testicular health, semen quality, and fertility in domestic and wild species. However, environmental stressors and management practices still impact male fertility, emphasizing the need for innovative research and interventions.

This Special Issue, titled "Enhancing Male Animal Reproduction: Focus on Testicular Health, Semen Quality, and Fertility," will provide a dedicated platform for the latest scientific contributions addressing the physiological, molecular, and environmental determinants of male reproductive success.

We invite original research, reviews, and case studies on themes including testicular function and disorders, semen evaluation technologies, the impacts of nutrition and environment, emerging biomarkers, assisted reproductive techniques, omics approaches for identifying male fertility-related genes, profiling proteins in semen linked to sperm quality, metabolic changes in the testes during maturation, and strategies to enhance male fertility.

We look forward to receiving your contributions.

#### **Guest Editors**

Dr. Korawan Sringarm

Department of Animal and Aquatic Sciences, Faculty of Agriculture, Chiang Mai University, Chiang Mai 50200, Thailand

Dr. Anucha Sathanawongs

Department of Veterinary Biosciences and Veterinary Public Health, Faculty of Veterinary Medicine, Chiang Mai University, Chiang Mai 50100. Thailand

### Deadline for manuscript submissions

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Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

mdpi.com/journal/ 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.

## Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
 Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, Australia

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