

Special Issue

Sperm Preservation and Sexing Technologies in Large- and Small-Ruminant Reproduction: Current Status and Future Perspectives

Message from the Guest Editors

This Special Issue plans to provide an overview of the most recent advances in the field of sperm preservation and sexing technologies used in large- and small-ruminant reproduction. This Special Issue aims to provide selected contributions on topics including, but not limited to, the following:

- Optimization of insemination dose processing;
- In vitro assays that predict the fertilizing ability of insemination doses;
- Ethical questions related to the artificial insemination of large and small ruminants;
- Development of sperm diluents for fresh, chilled, or cryopreserved insemination doses;
- Technologies of sperm preservation (especially alternative techniques for sperm preservation without liquid nitrogen);
- Technologies of sperm sexing (especially alternatives to the flow-cytometry-based method);
- Optimizing artificial insemination methods (especially those appropriate for small ruminants);
- Hormonal and non-hormonal synchronization schemes.

Guest Editors

Dr. Filip Georgijević Savvulidi

Department of Animal Sciences, Faculty of Agrobiological Sciences, Food, and Natural Resources, Czech University of Life Sciences Prague, 165 00 Prague, Czech Republic

Dr. Martin Ptáček

Department of Animal Sciences, Faculty of Agrobiological Sciences, Food, and Natural Resources, Czech University of Life Sciences Prague, 165 00 Prague, Czech Republic

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

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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.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

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

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