

## 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.

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### Guest Editors

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### Deadline for manuscript submissions

20 December 2026



## Animals

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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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### Editor-in-Chief

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