Special Issue

Advances in Animal Sperm Conservation Techniques for Better Fertility—2nd Edition

Message from the Guest Editors

Sperm conservation is one of the most important biotechnologies for the advancement of assisted reproduction in domestic and wild animals. Sperm conservation is essential for the breeding management of endangered breeds or species, for genetic improvement in livestock breeding, to prevent the loss of animal genetic variability and to solve infertility problems in high-quality individuals. Despite the large amount of progress that has been made in this field, the cellular mechanisms involved in sperm conservation have not yet been entirely explained. In particular, the fertility values recorded with the use of frozen/thawed sperm are still low in different animal species. We are pleased to invite you to contribute to this Special Issue, which aims to publish original research articles or reviews on "Advances in Animal Sperm Conservation Techniques for Better Fertility", focusing principally, but not exhaustively, on the following topics: Semen extenders;
Recent discoveries on the use of new cellular cryoprotectants;
Novel cryopreservation procedures;
Predictive markers for sperm fertility;
Technologies for the assessment of sperm integrity and functions.

Guest Editors

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Message from the Editor-in-Chief

Veterinary Sciences (ISSN 2306-7381) is an international and interdisciplinary scholarly open access journal that aims at publishing research in all fields of veterinary medicine in a democratic way. We encourage scientists to publish their original research articles, reviews, communications, and short notes in as much detail as possible. Articles submitted that involve subjecting animals to unnecessary pain or suffering will not be accepted, and all articles must be submitted with the necessary ethical approval (please refer to the Ethical Guidelines for more information).

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