

Special Issue

Further Approaches on Sperm Cryopreservation

Message from the Guest Editor

Sperm cryopreservation has been a useful tool for the storage and restoration of valuable genetic resources in combination with assisted reproductive techniques. This semen technology has become indispensable for genetic improvement toward breeding management in the livestock industry.

Despite similarities in most sperm cryopreservation protocols, differences exist between and within species due to breed or species characteristics and individual response of sperm to cryopreservation protocols.

Although great advances in freezing semen and its utilization have been successful, the fertility of frozen-thawed spermatozoa on different species is still low. Therefore, further knowledge and investigation are needed to improve the quality of frozen-thawed semen in various species.

In order to supply this demand, a Special Issue will be focused on exploring different approaches to provide revealing information as regards sperm processes for cryopreservation and their usefulness for further application in domestic, wild, and endangered animals.

Guest Editor

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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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