

Special Issue

Gamete and Stem Cell Vitrification in Animals

Message from the Guest Editor

This Special Issue aims to explore the recent advancements, challenges, and future directions in the field of gamete and stem cell vitrification. Vitrification, a technique for cryopreserving cells and tissues, has revolutionized various fields, including assisted reproduction, regenerative medicine, and conservation biology. This Special Issue seeks to highlight the latest research and innovations in gamete and cell vitrification, with particular interest in simplifying the process. Although the vitrification of biological materials, including molecules, cells, tissues, organs, and even some whole organisms, has been widely used, research progress in this area has been somewhat hindered by the widespread use of commercialized kits. Consequently, there has been a slower pace in the development of certain methods, such as the direct transfer of vitrified embryos. We invite original research papers that address methods and approaches in vitrification, with a focus on overcoming these challenges and advancing the field.

Guest Editor

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Deadline for manuscript submissions

closed (10 May 2026)



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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

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