

Special Issue

In Vitro Embryo Production in Domestic Animals

Message from the Guest Editors

In this Special Issue, we aim to gather publications regarding in vitro embryo production (IVP) in domestic animals. In recent years, in the IVP system—including in vitro maturation (IVM), fertilization (IVF), and culture (IVC)—embryos produced in vitro have shown significant progress and are being increasingly utilized in domestic animals. IVP is a prized tool, aiding the understanding of early mammalian development in the preservation of gametes from animals of high genetic merit or threatened species, and in the genetic improvement of domestic animals. Furthermore, IVP is an essential instrument for other reproductive biotechnologies, such as cloning, transgenics, or gene editing in a species, serving as a suitable model for human research and xenotransplantation. We invite researchers to submit original research and review papers on the current status and future outlook of IVP in domestic animals that contribute to the optimization of the procedure. Please contact carolinamaside@gmail.com if you are interested.

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Deadline for manuscript submissions

closed (31 May 2022)



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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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