

Special Issue

Reproductive Technologies, Embryo Development and In Vitro Embryo Production in Farm Animals

Message from the Guest Editor

In the last decades, the field of reproductive technologies has seen the contribution of many scholars. Research, and related published manuscripts, have embraced several areas, all falling within the central theme of the technology of reproduction. The interests of many authors have indeed spanned over the study of molecules with the potential to improve the efficiency of each single step of the in vitro embryo production protocols, from the identification of markers associated with good-quality embryo development to the refinement of cryopreservation strategies. Then, the development of technology enabling the retrieval of oocytes from antral follicles of live animals has made it possible to run and exploit in parallel the best genetics from both the male and female sides. In this Special Issue, a comprehensive review of the state-of-the-art on reproductive technologies in farm animals, with emphasis on in vitro embryo production, will be provided to the readers, both scholars and researchers.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Animals is an international, peer-reviewed, open-access journal established in 2011 and published semimonthly online by MDPI. The journal is dedicated to high-quality research across a broad range of animal-related disciplines, including zoology and veterinary sciences, and upholds rigorous peer-review and editorial standards to ensure the publication of impactful work. Indexed in the Science Citation Index Expanded (SCIE) within Web of Science, *Animals* has a 2025 Impact Factor of 3.2 (ranks 13/87 (Q1) in 'Agriculture, Dairy & Animal Science'; 15/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.5.

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