



Unsolved Problems in Reproductive Biology - Current and Forthcoming Advances in Assisted Reproduction Technologies

Guest Editor:

Prof. Alberto Maria Luciano

Università degli Studi di Milano,
Department of Health, Animal
Science and Food Safety
Reproductive and
Developmental Biology Lab
(www.redbiolab.unimi.it) Milan,
Italy

alberto.luciano@unimi.it

Deadline for manuscript
submissions:

30 April 2021

Message from the Guest Editor

Dear Colleagues,

Although assisted reproduction technologies (ART) have had a significant boost over the past three decades, the propulsive thrust seems to have come to a halt.

Firstly, while the different species share general principles of reproductive biology, substantial differences in the biology of the gametes might exist between species. As a consequence, the techniques and strategies successfully applied in a given species are not immediately transferable to another one. Secondly, in addition to individual biological variability, the poor quality of the gametes intended for ART and the difficulty of reproducing in vitro the conditions suitable to ensure the correct functionality of the gametes are critical limiting factors.

We invite original research papers and review articles that address the improvement of reproductive performance with innovative approaches and/or proofs of principle studies. The overall aim is to shed light on animal reproductive biology and increase the translational aspects of assisted reproduction technologies both in animal breeding, conservation of threatened species and the human clinic.

Prof. Alberto Maria Luciano
Guest Editor





Editor-in-Chief

Prof. Clive J. C. Phillips

Centre for Animal Welfare and Ethics, School of Veterinary Science, University of Queensland, Gatton Campus, Gatton, Queensland 4343, Australia

Message from the Editor-in-Chief

Animals is an online open access journal that was first published in 2011. *Animals* adheres to rigorous peer review 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 welfare, animal ethics and animal science. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science and received the latest Impact Factor of 1.832. The journal ranks 11/61 (Q1) in the category 'Agriculture, Dairy & Animal Science' and 29/141 (Q1) in 'Veterinary Sciences.'

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed by the [Science Citation Index Expanded](#) (Web of Science) from Vol. 5 (2015), [Zoological Record](#) (Web of Science) and [Scopus](#) (2018 CiteScore: 2.21). Citations available in [PubMed](#), full-text archived in [PubMed Central](#).

Rapid Publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 19.4 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the second half of 2019).

Contact Us
