

Special Issue

Reproductive Biology and Assisted Reproductive Technologies in Amphibians

Message from the Guest Editor

Amphibians are facing a dramatic worldwide extinction crisis on a scale not previously seen due to anthropogenic impacts. The integration of multiple disciplines for the development and implementation of assisted reproductive technologies and for enhancing the knowledge and understanding on basic reproductive biology for a greater number of amphibians species is crucial to boost global conservation efforts. Assisted reproductive technologies could enhance reproductive success, reduce the number of live animals kept in captivity, facilitate selective breeding, and enable long-term storage of reproductive material. In addition, understanding the natural reproductive behavior of a species and how it responds to changes in the environment is crucial for the application of these technologies and the success of in situ and ex situ conservation approaches. The aim of this Special Issue is to publish original research articles and reviews which cover any aspect of reproduction in amphibians includes amphibian reproductive behavior, physiology and endocrinology, assisted reproductive techniques, and germplasm storage are invited for this Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2023)



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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 (2023, ranks 10/80 (Q1) in 'Agriculture, Dairy & Animal Science'; 16/167 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.0.

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