# **Special Issue**

# Advanced Research on Comparative Reproductive Physiology

# Message from the Guest Editors

The homeostasis of reproduction warrants life, through a series of highly dynamic and integrated events occurring in the reproductive system of males and females. Current developments have focused—with great success—on omics at all levels, but often restricted to in vitro and ex vivo procedures and even on single cells, deviating somewhat our holistic view of reproductive physiology. Comparative studies are not to be forgotten, since reproductive biology shares mechanisms and presents interesting differences among species and classes, that widen our knowledge and understanding, including those influences by aging and the environment as such.

The aim of this Special Issue is to cover topics—in a comparative approach- including the development, structure, and function of the reproductive organs of animals, domestic or wild, how interactions at molecular, cellular, and tissue levels are regulated through neuroendocrine, endo- and paracrine or environment control. Modulation of function implies all reproductive events, from fertilization to birth and beyond, covering experimental studies at cell-tissue or organism levels.

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## Deadline for manuscript submissions

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## Message from the Editor-in-Chief

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