

## Special Issue

# New Insights into Animal Spermatogenesis

### Message from the Guest Editors

In vertebrates, spermatogenesis is a highly complex and coordinated process leading to the formation of the mature gametes, the spermatozoa. The whole process is regulated by gonadotropins, steroid hormones and a complex network of autocrine and paracrine factors, whose role is mediated by the activation/inhibition of several intracellular signaling pathways.

This Special Issue aims to widen the knowledge on spermatogenesis and spermiogenesis from a comparative point of view. Therefore, we invite high-quality and original research or review papers that address new insights on this topic, including the molecular mechanisms underlying the differentiation/maturation of germ cells. The understanding of the multitude of proteins and factors that regulate the dynamic of this process is undoubtedly of crucial importance.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 April 2021)



## Animals

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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.

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### Editor-in-Chief

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