

Special Issue

Research Advances in Pig Reproduction

Message from the Guest Editors

Pork production makes an important contribution to the global food industry. Efficient pork production depends on optimal reproductive processes in both female and male animals. Moreover, despite interspecies differences, pigs are a recognized model organism widely used in biomedical research. Therefore, studies conducted on pigs can provide much information about the molecular events accompanying reproduction in mammals, including humans, and can be useful for further diagnoses and designs of therapeutic treatments of reproductive disorders. We are pleased to invite you to publish an original paper or review in this Special Issue that addresses advances in scientific or breeding research in pig reproduction. The Special Issue will include papers from the frontier of reproductive physiology and pathophysiology, endocrinology, immunology concerning molecular mechanisms, and bioengineering or treatment. The current global trend is to focus on the molecular basis of reproduction, with comprehensive multi-omic and functional analyses to support efficient reproduction in sows and boars. We look forward to sharing your recent findings through this Special Issue.

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2025)



Animals

an Open Access Journal
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Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/177511

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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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