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Advances in Pig Reproductive Endocrinology

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Deadline for manuscript submissions:
31 August 2024

Message from the Guest Editors

Dear Colleagues,

The pig is one of the most economically important farm species worldwide. Advances in pig reproductive endocrinology have significantly impacted the swine industry in recent years.

Despite the fact that over the past three decades efficient breeding and management has almost doubled the litter size in this species, it was estimated that about 20 to 40% of morphologically and genetically normal embryos are lost during the early phases of pregnancy. On the other hand, a large litter may be challenging for the pig's metabolism, leading to difficulties in resuming ovarian cyclicity after weaning, especially in young animals. Other important factors affecting pig reproductive health are environmental endocrine disruptors that may influence the functioning of both female and male hormonal balance. To meet these challenges, new strategies in synchronization protocols, artificial insemination techniques, hormone treatments, embryo transfer, and genomic selection have to be developed, based on in-depth knowledge of pig reproductive endocrinology.

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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: 3.0 (2022, ranks 12 /62 (Q1) in 'Agriculture, Dairy & Animal Science'; 13/143 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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