

Special Issue

Study on Pig and Sheep Reproductive Physiology: Zotechnical and Biotechnical Methods

Message from the Guest Editors

Artificial reproductive techniques were first used for the propagation of livestock species more than seventy years ago. The most widely applied procedure is artificial insemination; however, several species-specific differences must be accounted for in this process (source of semen, insemination techniques, etc.). Furthermore, the sheep and swine industries face remarkable challenges in improving the treatment protocols and techniques included in the ART processes to achieve as high a merit as in the dairy cattle sector. The usage of alternative minimal or non-invasive techniques are also in high demand, in order to meet the expectations of recent animal welfare and ethical concerns. Apart from the profit-oriented utilization of these methods, there is a growing interest in using them for gene conservation and gene banking purposes too. This SI therefore invites submissions addressing research related to the current status and future outlook of reproductive physiology, medicine and management to achieve practical applications for sheep and pig breeders, producers and people working in the field of gene conservation in future. All types of articles are welcome.

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Deadline for manuscript submissions

closed (25 May 2023)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

Editor-in-Chief

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