



Effects of Sows on Piglets: Nutrition, Behavior and Welfare

Guest Editors:

Dr. Kate J. Plush

SunPork Group, Eagle Farm,
Brisbane, QLD, Australia

Dr. Pieter Langendijk

Trouw Nutrition R&D, Amersfoort,
The Netherlands

Deadline for manuscript
submissions:

closed (15 February 2023)

Message from the Guest Editors

Dear Colleagues,

The maternal environment has a significant impact on the entire life of the progeny, and pigs are not exempt from this occurrence. Although the most influential life stage would be thought to be the postpartum period, the sow has a significant impact on the piglet throughout the entire reproductive cycle, including determining the quality of the oocyte, in utero development, and during the birthing process, in addition to the lactation phase. The impacts of the sow on the piglet can be transient or can be permanent, affecting the animal throughout its life.

In this Special Edition of *Animals*, we are inviting submissions of original research papers that investigate the potential links between the environment provided by the sow and the performance of the piglet. Manipulation of the sow environment during all phases of the reproductive cycle, through management, dietary, or housing changes, enables the development of the piglet to be altered. These manipulations also possess the ability to change behavioral expression and, in turn, improve the welfare of both the sow and the piglet.

Dr. Kate J. Plush

Dr. Pieter Langendijk

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Institute of Veterinary Medicine
and Animal Sciences, Estonian
University of Life Sciences,
Kreutzwaldi 1, 51014 Tartu,
Estonia

2. Curtin University Sustainability
Policy (CUSP) Institute, Kent St.,
Bentley 6102, Australia

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

Journal Rank: JCR - Q1 (*Veterinary Sciences*) / CiteScore - Q1 (*General Veterinary*)

Contact Us

Animals Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/animals
animals@mdpi.com
[X@Animals_MDPI](https://twitter.com/Animals_MDPI)