

Special Issue

Advanced Research in Intrauterine Growth-Restricted Pigs and Low Birth Weight Pigs

Message from the Guest Editors

In modern pig production, hyperprolific sows have resulted in large litters, with more piglets being exposed to intrauterine growth restriction (IUGR). This challenges the welfare of the pigs, as well as their growth and management, and has increased piglet mortality. There are therefore some considerations that need to be addressed with large litters in order to utilize the full potential of the hyperprolific sow and increase the survival rate of IUGR piglets. Management interventions through nutrition, extra care, nurse sows, etc. can be useful tools to increase the survival rates and well-being of IUGR piglets. Additionally, the prevention of IUGR through adequate nutrition during gestation should be addressed further. Original manuscripts that address any aspects of IUGR in piglets, either defined by their morphology or birth weight, are invited for this Special Issue. In particular, aspects such as difference in metabolism, management tools, preventing IUGR pigs through sow nutrition, and issues regarding practical implications in commercial farms are welcome.

Guest Editors

Dr. Charlotte Amdi Williams

Department of Veterinary and Animal Sciences, University of Copenhagen, Frederiksberg, Denmark

Dr. Johannes Gulmann Madsen

Department of Veterinary and Animal Sciences, University of Copenhagen, Frederiksberg, Denmark

Deadline for manuscript submissions

closed (30 April 2022)



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.9
Indexed in PubMed



mdpi.com/si/86218

Animals

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)





Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.9
Indexed in PubMed



[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)



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 (2023, ranks 10/80 (Q1) in 'Agriculture, Dairy & Animal Science'; 16/167 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.0.

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

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)