



animals



an Open Access Journal by MDPI

Integrated Role of Nutrition and Digestive Physiology for Pig Production

Guest Editors:

Dr. Anoosh Rakhshandeh

Faculty of Animal Nutrition, Unity
Environmental University, New
Gloucester, ME, USA

Prof. Dr. Sung Woo Kim

Department of Animal Science,
North Carolina State University,
116 Polk Hall, Campus Box 7621,
Raleigh, NC 27695, USA

Deadline for manuscript
submissions:

closed (1 August 2023)

Message from the Guest Editors

Dear Colleagues,

The interaction among nutrition, digestive physiology, and the microbiota of the gastrointestinal tract influences overall swine health and productivity. Despite recent advances in pig nutrition and digestive physiology, the potential applications of this new knowledge have not been fully appreciated. For example, questions such as how one can use nutrition techniques and knowledge of digestive physiology combined to positively affect the functionality and health of the gastrointestinal tract (GIT) in commercial settings remain to be fully addressed. The current Special Issue will focus on applied aspects of the integrated role of nutrition and the digestive physiology of pigs to improve productivity, welfare, and the environmental impact of pig production.

We look forward to receiving your contributions.

Dr. Anoosh Rakhshandeh

Prof. Dr. Sung Woo Kim

Guest Editors



mdpi.com/si/153337

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

Curtin University Sustainable
Policy (CUSP) Institute, Curtin
University, Kent St., Bentley, WA
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: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (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, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/animals
animals@mdpi.com
[X@Animals_MDPI](#)