

## Special Issue

# Probiotics in Pig Production: Boost Growth and Health

### Message from the Guest Editors

Probiotics have been used as an alternative to antimicrobial growth promoters in swine production due to their capabilities in improving gut digestion, immune system, growth performance, and animal health. At the same time, interest in studies concerning the mechanisms of action of substances produced by probiotic bacteria in farm animals has increased. The purpose of this Special Issue is to focus on providing an update regarding the action of probiotics and substances derived from bacteria on host development. Moreover, this Special Issue aims to include original research papers and reviews in reference to the mechanism of action of probiotics in different stages of a pig's life, covering from basic to applied science.

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### Guest Editors

Prof. Dr. Ricardo Pinheiro de Souza Oliveira  
Dr. Simone Maria Massami Kitamura Martins  
Prof. Dr. Martin Gierus

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### Deadline for manuscript submissions

closed (1 August 2023)



# Animals

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## 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 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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### Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

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