

Special Issue

Pig Welfare, Immunity and Health - Implications and Applications in Sustainable Production

Message from the Guest Editors

Pig production faces substantial challenges in the future, as increasing public concern about animal welfare collides with traditional production goals. Modern sustainable pork production thus includes animal health and welfare issues in addition to other pillars of sustainability. Immunocompetence and health of pigs are essential for animal welfare but can be threatened by inappropriate housing, environmental conditions or nutrition. A good function of the immune system is an obvious prerequisite for fighting pathogens, appropriate gut–microbiota interaction or successful vaccinations with important implications for disease control and immunocastration. This Special Issue aims to illuminate current integrative research on pig welfare, behavior, stress, nutrition, and immunity under varying conventional and organic housing conditions. Further, research gaps and trends should be identified by either original work or reviews.

Guest Editors

Prof. Volker Stefanski

Behavioral Physiology of Livestock, Institute of Animal Science, University of Hohenheim, Stuttgart, Germany

Dr. Galia Zamaratskaia

Department of Molecular Sciences, Swedish University of Agricultural Sciences, Box 7015, 750 07 Uppsala, Sweden

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

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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.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, Western Australia 6102, Australia
2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia

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