

Special Issue

Precision Livestock Farming: Monitoring Pig Behavioral Characteristics by Using Sensors and Data

Message from the Guest Editor

Animal welfare is receiving increasing attention, and this especially applies to the welfare of intensively kept livestock such as pigs. Monitoring behavior forms a basis for measuring and improving pig welfare. Many research groups are working on automating the monitoring of pig behavior, and numerous sensors and data applications are being developed. The focus of this Special Issue is precisely this field of research: monitoring pig behavioral characteristics using sensors and data. The scope of the Special Issue includes measuring behavior using sensors and data in sows, piglets, weaned piglets, and fattening pigs. Studies can focus on data applications using (combined) on-farm data from water, feed, weighing, or climate systems, and group or individual data can be analyzed. It may be useful to focus on a specific moment, process, or event in the pigs' life, such as farrowing, piglet crushing, or weaning.

The purpose of this Special Issue is to bring together the state-of-the-art advancements in automated measurement of pig behavior and to gather and publish the latest knowledge and experience in this field. I look forward to receiving your contributions.

Guest Editor

Dr. Lenny Van Erp-van der Kooij

Department of Applied Biology, HAS University of Applied Sciences, PO Box 90108, 5200 MA 's Hertogenbosch, The Netherlands

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

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About the Journal

Message from the Editor-in-Chief

Veterinary Sciences (ISSN 2306-7381) is an international and interdisciplinary scholarly open access journal that aims at publishing research in all fields of veterinary medicine in a democratic way. We encourage scientists to publish their original research articles, reviews, communications, and short notes in as much detail as possible. Articles submitted that involve subjecting animals to unnecessary pain or suffering will not be accepted, and all articles must be submitted with the necessary ethical approval (please refer to the Ethical Guidelines for more information).

Editor-in-Chief

Prof. Dr. Patrick Butaye

1. Department of Pathobiology, Pharmacology and Zoological Medicine, Faculty of Veterinary Medicine, Ghent University, Salisburylaan 133, B9820 Merelbeke, Belgium

2. Department of Infectious Diseases and Public Health, Jockey Club College of Veterinary Medicine and Life Sciences, City University of Hong Kong, 31 To Yuen Street, Kowloon, Hong Kong SAR 999077, China

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