Special Issue

Current Research on Salivary Analytes in Pigs

Message from the Guest Editors

Saliva has gained great importance in recent years for the detection and measurement of biomarkers, since it is easily collected without the necessity of trained staff or any sophisticated material. In this species, saliva has been used to measure a comprehensive panel of biomarkers, including stress, immunity, inflammation and redox homeostasis, as well as for the detection of specific infectious agents. Moreover, several of the analytical parameters traditionally measured in blood have also been quantified in saliva, leading to the coinage of a new term: 'saliochemistry'. In addition, saliva in pigs has been used to identify new biomarkers by 'omics techniques' and develop new, more robust, and sensitive assays for biomarker quantification. This Special Issue aims to gather high-quality research regarding biomarkers to evaluate health status, stress and welfare in porcine species.

Guest Editors

Dr. Fernando Tecles

Interdisciplinary Laboratory of Clinical Analysis (Interlab-UMU), Veterinary School, Regional Campus of International Excellence 'Campus Mare Nostrum', University of Murcia, 30100 Murcia, Spain

Dr. Alberto Muñoz-Prieto

Interdisciplinary Laboratory of Clinical Analysis of the University of Murcia (Interlab-UMU), Department of Animal Medicine & Surgery, Veterinary School, Campus Mare Nostrum, University of Murcia, 30100 Murcia, Spain

Deadline for manuscript submissions

closed (30 April 2024)



an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/161283

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

mdpi.com/journal/ animals





an Open Access Journal by MDPI

Impact Factor 2.7 CiteScore 5.2 Indexed in PubMed



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.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
 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)

