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## Biomarkers in Animal Health and Disease

Guest Editors:

**Dr. Fernando Capela e Silva**

**Prof. Dr. Rita Payan-Carreira**

**Dr. Elsa Lamy**

**Prof. Asta Tvarijonaviciute**

Deadline for manuscript  
submissions:

**closed (31 October 2020)**

### Message from the Guest Editors

Dear Colleagues,

The identification and quantification of biomarkers are important for the evaluation of animal physiological and clinical responses. Biomarkers should be obtained, whenever possible, from easily accessible, preferably noninvasive, or minimally invasive body fluids. This Special Issue aims to bring together high-quality research, highlighting the importance of the use of biomarkers in animal health and disease. Potential topics include but are not limited to the following: the characterization, applications, and validation of biomarkers; intake biomarkers and dietary preferences; stress biomarkers; prognostic biomarkers in cancer; toxicity biomarkers; biomarkers of inflammation; fertility-associated biomarkers; and acute and chronic disease biomarkers in companion animals. Preference will be given to works related to the study of biomarkers in farm and companion animals, as well as in wild and laboratory/model animals, which address issues related to their biology.



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# Special Issue



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### Prof. Dr. Clive J. C. Phillips

1. Institute of Veterinary Medicine  
and Animal Sciences, Estonian  
University of Life Sciences,  
Kreutzwaldi 1, 51014 Tartu,  
Estonia  
2. Curtin University Sustainability  
Policy (CUSP) Institute, Kent St.,  
Bentley 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.

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## Contact Us

*Animals* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

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