

Special Issue

Non-invasive Methods of Stress Monitoring in Animals under Human Care

Message from the Guest Editors

Understanding the stress physiology of animals under human care is vital to their management and the designing of informative research. As humans continue to negatively impact the planet, wildlife species are increasingly under threat due habitat loss and degradation. To better understand how the human-managed environment is impacting wildlife, it is imperative to develop non-invasive techniques that will allow sampling without influencing the individual's stress physiology. By conducting observational research along with non-invasive sampling to evaluate physiology, we can better understand and modify our management of wildlife. This will lead to their population success and provide a haven for imperilled wildlife.

Original manuscripts that address non-invasive tools to evaluate wildlife stress physiology are invited for this Special Issue. Topics of special interest include innovative techniques for evaluating wildlife stress physiology, integrated behavioural and endocrinological research on wildlife under human care, and developing methods to evaluate not just stress hormones, but stress responses, to better understand the role of captive management on wildlife success.

Guest Editors

Dr. Rachel Santymire

Biology Department, Georgia State University, Atlanta, GA 30302, USA

Dr. Linda M. Penfold

South-East Zoo Alliance for Reproduction and Conservation, Yulee, FL 32097, USA

Deadline for manuscript submissions

closed (1 June 2023)



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/81136

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

[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)





Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)



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

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

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)