







an Open Access Journal by MDPI

Proceedings of the 9th European Conference on Behavioural Biology

Guest Editors:

Prof. Oliver Burman

Animal Behaviour, Cognition & Welfare Research Group, School of Life Sciences, University of Lincoln, Joseph Banks Laboratories, Lincoln LN6 7DL, UK

Dr. Emily Bethell

Evolutionary and Behavioural Biology Research Group, School of Natural Sciences and Psychology, Liverpool John Moores University, Liverpool L3 4AF, UK

Deadline for manuscript submissions:

closed (31 March 2019)

Message from the Guest Editors

Dear colleagues,

This Special Issue of *Animals* is open for submission of papers presented at the 9th European Conference on Behavioural Biology, organized by Liverpool John Moores University at Liverpool, UK, 9–12 August 2018.

The Special issue will cover the latest developments in animal behaviour and biology and related fields, such as ecology, evolution, genetics, physiology, cognition, welfare and conservation.

Prof. Oliver Burman Dr. Emily Bethell *Guest Editors*



Join us at the 9th European Conferenceon Behavioural Biology!

9th - 12th August 2018

Webpage: https://www.ljmu.ac.uk/conferences/ecbb

Email: ecbb@ljmu.ac.uk















an Open Access Journal by MDPI

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

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: 3.0 (2022, ranks 12 /62 (Q1) in 'Agriculture, Dairy & Animal Science'; 13/143 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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)

Contact Us