

## Special Issue

# Implementing the Five Domains Model for Improving Animal Welfare State

### Message from the Guest Editors

The Five Domains Model is broken into physical and functional states, that includes Domain 1: Nutrition; Domain 2: Physical Environment; Domain 3: Health; Domain 4: Behavioral Interaction; and Domain 5: Mental State. The model helps us to organize objective and measurable indicators (i.e., animal behavior, physiology, performance, neuroscience, and pathophysiology) from Domains 1 through 4. Next, the model considers how the animal's nervous system interprets these measures and relays it into generating both positive and negative mental experiences. This Special Issue will use the Five Domains Model and apply this to managed non-human species (defined as livestock, companion, zoological, and laboratory) to increase agency, enhance positive mental state and improve overall welfare state. The overall aim is to provide depth and breadth so key persons could consider using the Five Domains Model in future educational, assessment and third-party audit programs. Papers can either be original research or review papers.

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### Guest Editors

Dr. Essam M. Abdelfattah

Dr. Nichole C. Anderson

Prof. Anna K. Johnson

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### Deadline for manuscript submissions

closed (15 May 2023)



## Animals

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## 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.

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### Editor-in-Chief

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