



Implementing the Five Domains Model for Improving Animal Welfare State

Guest Editors:

Dr. Essam M. Abdelfattah

School of Veterinary Medicine,
University of California, Davis, CA,
USA

Dr. Nichole C. Anderson

School of Veterinary Medicine,
Texas Tech University, Amarillo,
TX, USA

Prof. Anna K. Johnson

Department of Animal Science,
Iowa State University, 2356F
Kildee Hall, Ames, IA 50011, USA

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Message from the Guest Editors

Dear Colleagues,

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.

Dr. Essam M. Abdelfattah

Dr. Nichole C. Anderson

Prof. Anna K. Johnson

Guest Editors





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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

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Contact Us

Animals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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