

# Special Issue

## Health and Diseases of Koalas

### Message from the Guest Editor

Koala populations are declining across Australia, and a major threat to them is disease. Chlamydia and koala retrovirus are two key infectious pathogens of koalas, which cause ocular and urogenital disease, and leukemic and lymphomic cancers, respectively. Other infectious conditions of koalas include the virus Phascolarctid herpesvirus, and the parasitic infection Sarcoptes scabiei. Together with the threats of climate change effects such as drought and bushfires, it is important to understand how koalas are affected by disease based on their unique physiological adaptations as a eucalypt specialist.

Novel papers from different aspects of koala health and disease are invited to this Special Issue that aims to bring together the latest research on koalas, such as (but not limited to): 1.Unravelling the complexity of infectious diseases of koalas; 2.Pathological conditions of koalas; 3.Climate-change-related health and dietary issues; 4.Role of gut microbiota in koala health.

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### Guest Editor

Dr. Natasha Speight

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### Deadline for manuscript submissions

closed (31 March 2022)



## 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

Prof. Dr. Clive J. C. Phillips

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2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia

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