

## Special Issue

# Reducing Enteric Methane Emissions from Ruminants

### Message from the Guest Editor

Ruminants through production of enteric methane present a threat to the global climate. There is a clear imperative to lower the production and intensity of methane emissions both from environmental and consumer acceptance perspectives. Science-based solutions to improve the efficiency of ruminant systems and reducing the production of enteric methane are leading to real possibilities for substantial reductions of GHG emissions from ruminant livestock. In this Special Issue, we will highlight the latest research in ruminant methane mitigation from a wide range of contributors from across the globe. We invite original research papers on methods to reduce methane emissions intensity through modification of the rumen environment or the ruminant production system. Suitable topics include: rumen microbiology and biochemistry, nutritional manipulation of methane emissions, feed additives, genetic selection for low methane animals, vaccination, antimethanogenic plants, and agricultural systems or practices that reduce enteric methane intensity, including modelling.

### Guest Editor

Dr. Ed Charmley

The Commonwealth Scientific and Industrial Research Organisation |  
CSIRO Agriculture and Food, Canberra, Australia

### Deadline for manuscript submissions

closed (15 December 2019)



## 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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