

## Special Issue

# ***Mycobacterium avium* ssp paratuberculosis Infection and/or Disease Progression in Cattle**

### Message from the Guest Editor

Paratuberculosis or Johne's disease in cattle is an increasing global concern in both the beef and dairy sector. The mainly faeco-oral spread of the causative agent *Mycobacterium avium* ssp paratuberculosis (MAP) between and within farms varies substantially, according to the biosecurity practices in place. With the development of more sensitive testing, such as the phage technology, it has come to light that possibly on farms with the pathogen present many more cattle have been exposed to the pathogen than initially was considered.

The overall aim of this special issue is to further our understanding on the factors associated with infection, facilitating disease progression, as well as factors that allow infected cows spreading the pathogen. We are therefore inviting papers presenting original research that is advancing our understanding of paratuberculosis in cattle. This could include studies into molecular, cellular, and animal level furthering our knowledge on MAP infection, progression and spread, as well as work at their impact on population level being welcome in this special issue.

### Guest Editor

Dr. Steven Van Winden

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### Deadline for manuscript submissions

closed (30 June 2021)



## Animals

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### 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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