Reducing Enteric Methane Emissions from Ruminants

Guest Editor:

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closed (15 December 2019)

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.

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Special Issue

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Message from the Editor-in-Chief

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