



animals



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Rumen Function

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Message from the Guest Editor

Ruminants are unique in that they possess a fermentation chamber that allows the nutritional use of lignocellulosic resources and its transformation into animal products. This involves a plethora of processes including feed particle comminution, microbial fermentation and passage out of the rumen of feed residues, microbes and products of fermentation.

Rumen function is a highly complex biological process which is the result of multiple interactions between numerous factors. Although a lot of work on these topics has been published during the last half century, recent methodological approaches have allowed deeper investigation in, for example, rumen microbial dynamics or absorption through the rumen wall. Also particle kinetics might deserve a revisit to enhance our knowledge of rumen function.



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Special Issue



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Message from the Editor-in-Chief

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