

Special Issue

Farm Animals Rumen Digestion, Nutrition and Feed Management

Message from the Guest Editors

Manipulating the degree to which specific nutrients are made available to rumen microorganisms and the amount that escapes ruminal fermentation has elicited animal performance responses. Several studies have been conducted in order to establish the amounts and ratios of nutrients for optimal animal response and the efficiency of additives for optimal rumen response. To increase the nutritional, environmental and economic sustainability and competitiveness of livestock farms, a possible solution is the achievement of energy and protein self-sufficiency according to an integrated approach between agronomical efficiency for forage production and feeding strategies. This Special Issue welcomes interdisciplinary studies in agronomy and ruminant nutrition focused on the production systems and the conservation techniques of forages and crops at farm level; the improvement of their characteristics, nutritive value and rumen digestibility; the comparison of balanced diets for optimum utilization of energy and protein and for optimum efficiency of digestion; and the effects of additives in diets for ruminants. Original research articles and reviews are accepted.

Guest Editors

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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