



Latest Research Progress in Animal Feed In-Vitro Digestibility and Nutritional Evaluation

Guest Editor:

Dr. Anna De Angelis

Department of Agriculture, Food and Environment, University of Catania, Via Valdisavoia 5, 95123 Catania, Italy

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Message from the Guest Editor

The most recent scientific research concerning the in vitro digestibility and nutritional evaluation of foods has focused on the detection of the level of use, by polygastrics and monogastrics, simulating both rumen fermentation and gastro-intestinal digestion, not only of macromolecules, carbohydrates, proteins and lipids, but mainly of their conditioning intrinsic components: carbohydrate fractions, protein fractions, and fibrous fractions; for example, there is much interest in the production of methane at the rumen level. Another important aspect is the evaluation of the associative or dissociative effects determined by the combinations of various feeds; the results obtained have the aim of obtaining a more appropriate nutritional value, improving the formulation of the diets. Finally, much attention has been paid to determining the nutritional value of alternative protein sources (insects, algae) and to the action of biomolecules (probiotics, prebiotics).





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Curtin University Sustainable
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Message from the Editor-in-Chief

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Animals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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