Special Issue

Current Challenges in Microbiology and Chemistry of Animal Feed

Message from the Guest Editors

Animal feed, in respect to its quality and nutrient value, is the keystone for the health and well-being of animals. It is well known that the quality of feed depends on a number of factors, including the production, selection and handling of raw materials and their production, transport, storage and final distribution. Therefore, the influence of different environmental conditions on both chemical composition and microbiological quality is inevitable. The control and use of various chemical and microbiological testing is important in obtaining the highest quality of animal feed. The analysis of feed via standard chemical and microbiological methods has been conducted for a long period of time. However, recent genomic and scientific technology breakthroughs have greatly improved these fields of research and resulted in use of more precise methods for the detection, control and prevention of risks that animal feed can pose to human and animal health. The aim of this Special Issue is to gather new knowledge by presenting important findings in the fields of chemistry, microbiology, and toxicology, as well as in (instrumental) techniques used for the analysis of feed.

Guest Editors

Dr. Marijana Sokolovic

Poultry Centre, Croatian Veterinary Institute, Heinzelova 55, 10000 Zagreb, Croatia

Prof. Dr. Camelia Tulcan

Faculty of Engineering and Applied Technologies, University of Life Sciences King Mihai I from Timisoara, Timisoara, Romania

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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.

Editor-in-Chief

Prof. Dr. Les Copeland
Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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