

## Special Issue

# Omics Applications in Animal Nutrition

### Message from the Guest Editor

This Special Issue invites original and review manuscripts that address any aspect of the application of the “omics” technologies in animal nutrition, metabolism, and nutritional biochemistry of farm and game animals. Any studies that involve measurements using metagenomics, transcriptomics, proteomics, lipidomics, metabolomics (including non-targeted metabolomics approaches), epigenomics, and nutrigenomics to elucidate the influence of dietary nutraceuticals on the expression of genes regulating feed intake; growth; feed conversion efficiency; and the quality of meat, milk, eggs, hair fibre, bones, and other tissues are most welcome.

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### Guest Editor

Dr. Doctor Mziwenkosi Nhlanhla Mthiyane  
Department of Animal Science, North-West University, Mmabatho,  
North-West, South Africa

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### Deadline for manuscript submissions

20 July 2026



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
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