



animals



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Animal Nutritional Genomics

Guest Editor:

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Deadline for manuscript submissions:

closed (19 August 2021)

Message from the Guest Editor

Dear Colleagues,

Nutritional genomics, also known as nutrigenomics, is the study of the effects of food on the gene expression of the host. In animals, especially livestock placed long-term on a specific nutritional formula, the lack of nutritional diversity amplifies the effects the individual feed ingredients may have on the host. Recent research has been highlighting the role of regularly consumed micro- and macro-nutrients in disease predisposition and organ toxicology. In this Special Issue, we invite manuscripts that explore the use of feed and feed ingredients in manipulating the gene expression profile of the host toward better health, immunity, and stress responses, as well as manuscripts that reveal the adverse transcriptional effects that some common foods may have on the host.

Dr. Dana Stanley
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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