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Use of Cereal Byproducts in Animal Nutrition

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Message from the Guest Editors

Commercial processing of cereal grains for human consumption results in large quantities of byproducts and waste, which are often used as animal feed. The nature and nutritive value of all these byproducts as livestock feed resources are influenced by the particular cereal concerned and the specific conditions of its processing.

The use of some byproducts of the agro-food industry and other industrial wastes is becoming increasingly important in providing greater flexibility in the formulation of livestock diets. Moreover, the reutilization and valorization of the cereal byproducts are a major challenge toward the sustainable development and circular economy of the agro-food sector, and livestock farming in particular.

Therefore, this Special Issue focuses on the topic of cereal-based byproduct valorization, and the use of byproducts as feed resources in livestock, not only from a production point of view but also from an environmental perspective, as the recycling and re-use of industrial wastes and byproducts. The aim is to publish current and relevant information related to the use of these cereal byproducts in diets for both ruminants and non-ruminants.



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Special Issue



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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 3.0 (2022, ranks 12 /62 (Q1) in ‘Agriculture, Dairy & Animal Science’; 13/143 (Q1) in ‘Veterinary Sciences’), 5-Year Impact Factor: 3.2.

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