

Special Issue

Animal Disease Control: Genetics and Nutrigenomic Approach and Perspective

Message from the Guest Editor

This integrative ‘genetics–nutrigenomics’ perspective supports the *One Health* framework by fostering sustainable production systems with reduced disease burden and antimicrobial use, thus contrasting the still evident antimicrobial resistance issues. The future of animal disease control will depend on multi-omics data integration (genomics, transcriptomics, metabolomics) and precision nutrition tailored to genetic backgrounds, enabling individualized health management and improved biosecurity in animal production systems. Scientific articles (such as original research, reviews and short communications) about this relevant topic and the Special Issue are welcome.

Guest Editor

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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: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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