

Special Issue

Poultry Nutrition and Management: 2nd Edition

Message from the Guest Editors

For decades, poultry meat and eggs have been critical protein sources. A variety of challenges exist, including environmental stresses, welfare issues, and mismanagement, causing many issues, such as diseases, oxidative capacity disorders, and immune system and intestinal dysfunction. Moreover, the low-carbon and eco-efficient production of livestock and poultry are the foundation of global ecological and environmental governance. The present Special Issue will continue to focus on characterizing the associations between stress, nutrition and management and the growth performance, antioxidant capacity, immune responses, digestive intestinal microflora, metabolites, and the meat and egg quality of birds. Presently, precision nutrition, green health functional supplements, and welfare behaviors are becoming important methods to address the harmful effects of stress on birds. So, a wealth of research approaches are required to investigate the mechanisms of welfare behavior, nutrition, and precise management, such as omics, etc. Research areas may include: poultry nutrition and management, antibiotic supplements, welfare issues, and multi-omics analyses for health and metabolism.

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About the Journal

Message from the Editor-in-Chief

Animals is an international, peer-reviewed, open-access journal established in 2011 and published semimonthly online by MDPI. The journal is dedicated to high-quality research across a broad range of animal-related disciplines, including zoology and veterinary sciences, and upholds rigorous peer-review and editorial standards to ensure the publication of impactful work. Indexed in the Science Citation Index Expanded (SCIE) within Web of Science, *Animals* has a 2025 Impact Factor of 3.2 (ranks 13/87 (Q1) in 'Agriculture, Dairy & Animal Science'; 15/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.5.

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