# **Special Issue**

# Poultry Housing in the 21st Century: Improving Production, Health and Welfare: Second Edition

# Message from the Guest Editors

This Special Issue aims to showcase innovative research and technological advancements that improve poultry production systems while prioritizing animal health and welfare. We welcome the submission of articles that focus on modern housing designs, environmental control strategies, and management practices that maximize productivity and sustainability. Topics of interest include the integration of precision livestock farming tools, automation, the Internet of Things (IoT), and sensor-based monitoring for environmental parameters, health, and behavior. Special emphasis will be placed on solutions that balance economic efficiency with ethical production standards, addressing the increasing societal and market demand for animal-friendly systems. Contributions may include experimental research, modeling and simulations, case studies, and reviews, but must offer practical applications and future perspectives for sustainable poultry housing worldwide. The publication of this Special Issue will encourage multidisciplinary collaboration and knowledge exchange among researchers, industry stakeholders, and policymakers.

#### **Guest Editors**

Prof. Dr. Daniella Jorge De Moura

College of Agricultural Engineering, State University of Campinas, Campinas 13083-970, Brazil

Dr. Juliana de Souza Granja Barros

School of Agricultural Engineering, State University of Campinas, 501 Candido Rondon Avenue. Campinas 13083-875. SP. Brazil

# Deadline for manuscript submissions

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Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

mdpi.com/journal/ animals





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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.

### Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
 Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, Australia

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