Special Issue

Current Research and Key Issues in Poultry Immunology

Message from the Guest Editors

The immune system of poultry is crucial for protection from diseases with distinct characteristics compared to mammals. Research in poultry immunology focuses on various aspects of innate and adaptive immunity, which are influenced by the anatomical and physiological characteristics of birds. Infectiology, vaccinology. genetics and evolution are important research areas related to poultry immunology. The aim of this special issue is to collect the most recent research findings or relevant summaries of fundamental knowledge in poultry immunology. Research articles and literature reviews in this field as well as topics associated with poultry immunology are welcome. Hence, scientists working on the immune system of poultry in health and disease are invited to submit their manuscripts for this special issue.

Guest Editors

Dr. Dieter Liebhart

Clinical Department for Farm Animals and Food System Science, University of Veterinary Medicine Vienna, Veterinaerplatz 1, 1210 Vienna, Austria

Dr. Christine Jansen

Cell Biology and Immunology Group, Department of Animal Sciences, Wageningen University & Research, 6708 PB Wageningen, The Netherlands

Deadline for manuscript submissions

31 December 2025



Poultry

an Open Access Journal by MDPI

Indexed in Scopus
Tracked for Impact Factor



mdpi.com/si/199894

Poultry
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
poultry@mdpi.com

mdpi.com/journal/poultry





by MDPI

an Open Access Journal

Indexed in Scopus
Tracked for Impact Factor





About the Journal

Message from the Editor-in-Chief

Poultry is a newly established, online, open access journal that aims to publish high-quality research on topics in various areas of poultry production and health. This research should reflect the eminent and increasing importance of all poultry species reared for human nutrition. Poultry adheres to rigorous peer-review and editorial processes. Containing specialists from different areas in this field of research, the Editorial Board enthusiastically works to safeguard the quality of the review process and your contribution. A dedicated support team from the publisher is available, when required, to offer help and support for specific requests. Equipped with such a wide breadth of knowledge and expertise, Poultry should be the landmark for research on poultry science.

Fditor-in-Chief

Prof. Dr. Michael Hess

Clinic for Poultry and Fish Medicine, Department for Farm Animals and Veterinary Public Health, University of Veterinary Medicine Vienna, Veterinärplatz 1, A-1210 Vienna, Austria

Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 28.8 days after submission; acceptance to publication is undertaken in 21.1 days (median values for papers published in this journal in the second half of 2024).

Recognition of Reviewers:

APC discount vouchers, optional signed peer review, and reviewer names published annually in the journal.