

Special Issue

Recent Advances in Avian Influenza Virus Research

Message from the Guest Editor

Avian influenza viruses are a major worldwide threat to animal production systems, human health, food security, trade, and the economy. The viruses responsible for all four of the worldwide human influenza pandemics seen in the last 100 years have originated from birds. An effective control strategy for avian influenza in domesticated poultry is therefore an essential element in the protection of both bird and human populations. This Special Issue will feature advances in the understanding of the ecology and pathobiology of avian influenza viruses, underpinning the development of improved disease prevention and control systems.

Guest Editor

Prof. Dr. Munir Iqbal

Head of Avian Influenza Group and Visiting Professor, Royal Veterinary College London, The Pirbright Institute, Ash Road, Pirbright, Woking GU24 0NF, UK

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

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular Toxicology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).