Special Issue

Antimicrobial Stewardship in Food-Producing Animals

Message from the Guest Editors

In this Special Edition, we will focus on manuscripts that relate to antimicrobial stewardship in food-producing animals (livestock, poultry, and aquaculture). We encourage the submission of manuscripts that provide insights that can be translated into clinical practice. This includes contributions from basic science, social sciences, extension and education, and clinical medicine. Antimicrobial stewardship is about more than just the act of prescribing and involves identifying ways to decrease antibiotic use by:

- Improving early detection of disease as a means of decreasing antibiotic use;
- Preventing diseases generally treated with antibiotics;
- Evaluating antibiotic alternatives;
- Selecting and using antimicrobial judiciously;
- Evaluating antimicrobial drug use practices

Guest Editors

Dr. Paul Plummer

National Institute of Antimicrobial Resistance Research and Education, Ames, IA, USA

Dr. Derek Foster

Department of Population Health and Pathobiology, North Carolina State University, Raleigh, NC, USA

Deadline for manuscript submissions

closed (31 July 2021)



Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2 CiteScore 7.7 Indexed in PubMed



mdpi.com/si/69161

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

mdpi.com/journal/ microorganisms





Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2 CiteScore 7.7 Indexed in PubMed



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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).

