

Special Issue

Enhancing Gut Health: Early-Life Microbiome Manipulation in Poultry through Probiotics

Message from the Guest Editors

We welcome submissions to this Special Issue that explore innovative approaches to microbiome manipulation in poultry, particularly those focusing on probiotic applications that can enhance the industry's resilience against disease.

The key themes and topics covered in this Special Issue include, but are not limited to, the following:

1—Advancements in Probiotic Formulations for Poultry: Innovative approaches to developing and improving probiotic strains and formulations specifically for poultry.

2—Mechanisms of Action of Probiotics: Detailed exploration of how probiotics affect gut microbiota, immune responses, and integrity.

3—Probiotics and Disease Resistance: The impact of probiotics on preventing and controlling infections caused by bacterial, viral, fungal, and parasitic pathogens in poultry.

4—Comparative Efficacy of Probiotic Delivery Methods: Techniques and outcomes associated with administering probiotics, such as in ovo, feed, litter, or water, and their effectiveness.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2025)



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Message from the Editor-in-Chief

Applied Microbiology (ISSN 2673-8007) is a peer-reviewed open access journal that provides an advanced forum for the international community to report and discuss established and emerging applications for microorganisms and their associated technologies. Research articles, reviews, and other publications are released online immediately after acceptance to provide timely unlimited free access to the scientific community and the general public. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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