

Special Issue

From Discovery to Clinic: Overcoming Barriers in Antimicrobial Peptide Development

Message from the Guest Editor

Antimicrobial peptides (AMPs) are at the forefront of the fight against antibiotic-resistant pathogens, offering hope as next-generation anti-infective agents. However, despite decades of promising laboratory research, very few AMPs have successfully transitioned into clinical use. This Special Issue aims to provide a comprehensive forum for addressing the multifaceted challenges and emerging solutions in the translation of AMPs from bench to bedside.

This Special Issue invites original research articles, reviews, and methodological papers. By bringing together contributions from across the AMP research and development spectrum, this Special Issue aims to catalyze progress toward the successful clinical implementation of antimicrobial peptides, ultimately helping to address the urgent global need for new anti-infective therapies.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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