

Special Issue

Antimicrobial Agents for Wound Healing

Message from the Guest Editors

Dear Colleague,

Effective wound healing remains a critical clinical challenge, particularly when open lesions evolve into chronic, non-healing wounds susceptible to infection that is difficult to treat due to the global threat of antibiotic resistance. This Special Issue seeks contributions focusing on the synthesis, development, and testing of novel antimicrobial agents and advanced materials that address complex wound environments to promote healing and regulate infections. This Special Issue will provide a platform for cutting-edge research into the development and application of antimicrobial agents, biomaterials, and delivery systems with the potential to enhance wound healing outcomes.

We invite manuscripts that address the following topics:

1. Synthesis and Characterization of Antimicrobial Agents.
2. Development of Advanced Materials.
3. Multifunctional Dressings for Enhanced Healing.
4. Testing and Validation of Wound Healing Materials.
5. Interdisciplinary Wound Healing.

Guest Editors

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Deadline for manuscript submissions

closed (20 May 2025)



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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.

Editor-in-Chief

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