# Special Issue

# Secondary Metabolites from Natural Sources: Mechanisms of Antimicrobial Action and Therapeutic Potential

# Message from the Guest Editors

Secondary metabolites from natural sources play a pivotal role in the discovery of novel antimicrobial agents. With the growing global challenge of antibiotic resistance, secondary metabolites present an invaluable resource for innovative therapeutic strategies. Research into these natural compounds involves understanding their biosynthesis, structural diversity, and specific antimicrobial mechanisms. Equally important is evaluating their potential for safe therapeutic applications, including synergistic effects with existing antibiotics and overcoming resistance in multidrugresistant pathogens. This Special Issue will focus on advancements in the discovery, characterization, and therapeutic application of secondary metabolites with antimicrobial properties. Contributions in the form of original research articles, reviews, and communications exploring their mechanisms of action and clinical potential are highly encouraged.

# **Guest Editors**

### Dr. Fatima Cerqueira

- 1. Faculty of Health Sciences, University Fernando Pessoa, Rua Carlos da Maia, 296, 4200-150 Porto, Portugal
- 2. Molecular Oncology and Viral Pathology Group, Research Center of IPO Porto (CI-IPOP)/RISE@CI-IPOP (Health Research Network), Portuguese Oncology Institute of Porto (IPO Porto)/Porto Comprehensive Cancer Center (Porto. CCC), Rua Dr. António Bernardino de Almeida, 351, 4200-072 Porto, Portugal

### Dr. Maria Pia Ferraz

- 1. i3S—Instituto de Investigação e Inovação em Saúde, Universidade do Porto, Rua Alfredo Allen, 208, 4200-180 Porto, Portugal
- 2. INEB—Instituto de Engenharia Biomédica, Universidade do Porto, Rua Alfredo Allen, 208, 4200-180 Porto, Portugal
- 3. Departamento de Engenharia Mecânica, Faculdade de Engenharia da Universidade do Porto, Rua Roberto Frias, 4200-465 Porto, Portugal

# Deadline for manuscript submissions

31 July 2026



an Open Access Journal by MDPI

Impact Factor 4.6 CiteScore 8.7 Indexed in PubMed



mdpi.com/si/228326

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

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# Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery. use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciples are all key. Antibiotics is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

#### Editor-in-Chief

Prof. Dr. Nicholas Dixon

School of Chemistry and Molecular Bioscience, University of Wollongong, Wollongong, NSW 2522, Australia

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