

## Special Issue

# Managing Appropriate Antibiotic Prescribing and Use in Primary Care

### Message from the Guest Editor

Antibiotic resistance is an international health concern. The volume of antibiotic use is the leading driver of resistance, and inappropriate prescribing is the main culprit. Most antibiotic prescribing occurs in the community, with an estimated 80% of antibiotic prescriptions being issued in primary care. Thus, it is important to manage the appropriate prescribing and use of antibiotics in primary care to tackle antibiotic resistance. This Special Issue aims to provide new insights into the management of appropriate antibiotic prescribing and use in primary care. Therefore, we wish to invite original research articles and reviews that address the following topics:

- Appropriate antibiotic management in primary care;
- Novel interventions that increase the public awareness of antibiotic use;
- Multi-disciplinary approaches to reduce antibiotic prescribing and use;
- Increase public knowledge around the potential danger of self-medication, storing unused antibiotics, and the sharing of antibiotics without prescriptions;
- Novel ideas which are necessary to assist appropriate antibiotic prescribing and use in primary care.

We look forward to receiving your contributions.

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### Guest Editor

Dr. Ruby Biezen

Department of General Practice and Primary Care, The University of Melbourne, Melbourne, VIC, Australia

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### Deadline for manuscript submissions

closed (31 March 2026)



## Antibiotics

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*Antibiotics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[antibiotics@mdpi.com](mailto:antibiotics@mdpi.com)

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## About the Journal

### 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 disciplines 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.

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### Editor-in-Chief

Prof. Dr. Nicholas Dixon  
School of Chemistry and Molecular Bioscience, University of  
Wollongong, Wollongong, NSW 2522, Australia

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