

Special Issue

Diagnosis and Antimicrobial Treatment of Infections in Neonates and Children

Message from the Guest Editors

Infections cause a high disease burden in neonates and children and strongly contribute to pediatric morbidity and mortality worldwide. While in some settings, children may face the risk of undertreatment due to limited access to healthcare, other settings may predispose to overtreatment, especially with antibiotics. This antibiotic overuse has been identified as a main driver of antimicrobial resistance. The role of improved and clinically useful diagnostics as well as antimicrobial stewardship in pediatrics has received increasing attention in recent years. We invite colleagues to contribute to this Special Issue, which will cover both the diagnosis and antimicrobial treatment of infections in neonates and children. Priority will be given to original articles, while review articles or case reports will also be eligible. We especially welcome studies highlighting equity issues pertaining to diagnostic and/or therapeutic access, studies on diagnostic uncertainty, or innovative antimicrobial stewardship interventions in neonatology/pediatrics.

Guest Editors

Dr. Cihan Papan

Institute of Medical Microbiology and Hygiene, Saarland University,
66424 Homburg, Germany

Prof. Dr. Arne Simon

Pediatric Oncology and Hematology, Pediatric Infectious Diseases,
Children's Hospital Medical Center, Saarland University Hospital,
Homburg/Saar, Germany

Deadline for manuscript submissions

closed (31 October 2023)



Antibiotics

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/145485

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

[mdpi.com/journal/
antibiotics](https://mdpi.com/journal/antibiotics)





Antibiotics

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.7
Indexed in PubMed



[mdpi.com/journal/
antibiotics](https://mdpi.com/journal/antibiotics)



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.

Editor-in-Chief

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Infectious Diseases) / CiteScore - Q1 (General Pharmacology, Toxicology and Pharmaceutics)