

## Special Issue

# Pharmaceutical Care and Gastrointestinal Infections

### Message from the Guest Editors

Gastrointestinal infections have been attracting increased interest among the scientific community due to their link to diarrheal disease, recognized as one of the major causes of morbidity and mortality worldwide. Traditionally, these conditions are treated with antibiotics, whose excessive use has been related to the emergence of multidrug-resistant bacteria. Associated with the lack of novel antimicrobial agents, antimicrobial resistance dissemination has been considered a major global public health issue. Thus, alternative therapeutics are urgently required. Recent studies in pharmaceutical care have pointed to several promising solutions, both for prevention and treatment, including probiotics, prebiotics, synbiotics, parabiotics, and natural compounds, among others. The aim of this Special Issue is to gather papers focusing on current pharmaceutical approaches to address gastrointestinal infections while promoting surveillance of antimicrobial resistance worldwide. Submissions (original papers and reviews) that contribute to the understanding and provision of relevant strategies to overcome these global health concerns are welcomed.

### Guest Editors

**Dr. Daniela Machado**

Centro de Biotecnologia e Química Fina, Laboratório Associado, Escola Superior de Biotecnologia, Universidade Católica Portuguesa, CBQF, Rua Diogo Botelho 1327, 4169-005 Porto, Portugal

**Dr. Joana Cristina Barbosa**

Centro de Biotecnologia e Química Fina, Laboratório Associado, Escola Superior de Biotecnologia, Universidade Católica Portuguesa, CBQF, Rua Diogo Botelho 1327, 4169-005 Porto, Portugal

### Deadline for manuscript submissions

closed (9 August 2023)



## International Journal of Environmental Research and Public Health

an Open Access Journal  
by MDPI

CiteScore 8.5  
Indexed in PubMed



[mdpi.com/si/134402](https://mdpi.com/si/134402)

*International Journal of  
Environmental Research and  
Public Health*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijerph@mdpi.com](mailto:ijerph@mdpi.com)

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

[ijerph](https://ijerph)





# International Journal of Environmental Research and Public Health

---

an Open Access Journal  
by MDPI

---

CiteScore 8.5  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

*IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

---

### Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health Disparities Research and Innovation,  
Richard N. Dixon Research Center, Morgan State University, Baltimore,  
MD 21251, USA

---

### Author Benefits

#### Open Access:

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

#### High Visibility:

indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and other databases.

#### Journal Rank:

CiteScore - Q1 (Public Health, Environmental and Occupational Health)