

# Special Issue

## Causes and Consequences of Antibiotic Resistance High Rate in Spain

### Message from the Guest Editor

The antibiotic resistance of bacteria implicated in human pathology is a global phenomenon that increases every day, but its distribution is not homogeneous across different geographic regions. The causes of this variation are very complex since this phenomenon is multifactorial, including human, animal and environmental (One health). Resistance rates in Southern Europe are higher than in Northern countries, and this monograph aims to address this problem from various points of view. Articles will be included that describe the epidemiology of resistance in Spain, the development of stewardship systems, advances in the molecular characterization of genotypes of most prevalent resistance in our environment, the use of antibiotics and the implication of veterinary medicine and the environment.

### Guest Editor

Dr. Juan Carlos Rodríguez  
Hospital General Universitario de Alicante, Universidad Miguel Hernández, Alicante, Spain

### Deadline for manuscript submissions

closed (31 March 2022)



**Microorganisms**

---

an Open Access Journal  
by MDPI

---

**Impact Factor 4.2**  
**CiteScore 7.7**  
**Indexed in PubMed**



[mdpi.com/si/105244](https://mdpi.com/si/105244)

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

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





## Microorganisms

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.2  
CiteScore 7.7  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

---

### Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular Toxicology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

---

### Author Benefits

#### High Visibility:

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

#### Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).