

## Special Issue

# Multi-Drug Resistant Bacteria— A Global Problem

### Message from the Guest Editors

The growing number of isolated multi-drug resistant clinical and environmental bacterial strains and the ability to produce and transmit resistance mechanisms to antibiotics and antibacterial chemotherapeutics have become an increasing problem in combating worldwide infections in recent years. One of the main elements in fighting the problem of microbial resistance is an in-depth understanding of the underlying resistance mechanisms. In this Special Issue, we plan to collect original research articles and review articles concerning the molecular basis of resistance mechanisms against antimicrobial agents (e.g., antibiotics, new antibacterial substances and disinfectants) in Gram-positive and Gram-negative bacteria. These strains may be present in the natural environment (water, soil and air) and healthcare environment and, mostly, can be isolated from clinical and veterinary materials. The multi-drug resistance observed in bacterial strains is due to the acquisition and interaction of several various resistance mechanisms. Prof. Dr. Agnieszka Laudy

### Guest Editors

Dr. Agnieszka E. Laudy

Medical University of Warsaw, Warsaw, Poland

Prof. Dr. Stefan Tyski

National Medicines Institute, Warsaw, Poland

### Deadline for manuscript submissions

closed (31 March 2021)



## International Journal of Molecular Sciences

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

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle  
Marche, Via Ranieri 65, 60100 Ancona, Italy

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