



Novel Microbiological and Metabolic Approaches Applied to Pollutant Matrices Degradation

Guest Editor:

Dr. Gaetano Zuccaro

Department of Research,
Development and Innovation,
Rousselet Environment, 14
Boulevard Charles Peguy, 30100
Alès, France

Deadline for manuscript
submissions:

closed (31 August 2025)

Message from the Guest Editor

Dear Colleagues,

The increase in public awareness of topics concerning the impact of anthropogenic activities on the environment and human health requires robust efforts by the scientific community to corroborate generic informations. Among the most sensitive subjects are the treatment and degradation of Persistent Organic Pollutants (POPs) and inorganic pollutants. This broad spectrum includes PFAs, pharmaceuticals, heavy metals or nitrates, sulphates and phosphates.

The aim of this Special Issue is to bring together original research articles and reviews that have a multidisciplinary approach, with a particular focus on the investigation of metabolic and microbiological implications for the understanding of the most suitable process solution, its impact and the concrete applicative implementation.

Dr. Gaetano Zuccaro

Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Ian Connerton

Division of Microbiology, Brewing and Biotechnology, University of Nottingham, Loughborough LE12 5RD, UK

Message from the Editor-in-Chief

Applied Microbiology (ISSN 2673-8007) is a peer-reviewed open access journal that provides an advanced forum for the international community to report and discuss established and emerging applications for microorganisms and their associated technologies. Research articles, reviews, and other publications are released online immediately after acceptance to provide timely unlimited free access to the scientific community and the general public. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [EBSCO](#), [Embase](#), and [other databases](#).

Journal Rank: CiteScore - Q2 (Biochemistry, Genetics and Molecular Biology (miscellaneous))

Contact Us

Applied Microbiology Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applmicrobiol
appliedmicrobiol@mdpi.com
[X@MdpiApplied](#)