# Systematic and Applied Microbiology

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**Présentation de la revue**
**Original language :**

The journal deals with various aspects of microbial diversity and systematics of prokaryotes. It focuses on Bacteria and Archaea; eukaryotic microorganisms will only be considered in rare cases. The journal perceives a broad understanding of microbial diversity and encourages the submission of manuscripts from the following branches of microbiology:
1) Systematics: Theoretical and practical issues dealing with classification and taxonomy, i.e. (i) new descriptions or revisions of prokaryotic taxa, including descriptions of not-yet cultured taxa in the category Candidatus (ii) innovative methods for the determination of taxonomical and genealogical relationships, (iii) evaluation of intra-taxon diversity through multidisciplinary approaches, (iv) identification methods.
2) Applied Microbiology: all aspects of agricultural, industrial, and food microbiology are welcome, including water and wastewater treatment.
3) Comparative biochemistry and genomics: studies concerning biochemical/metabolic and genomic diversity of cultured as well as yet-uncultured Bacteria and Archaea.
4) Ecology descriptions of the microbial diversity in natural and man-made ecosystem; studies quantifying the size, dynamics, and function of microbial populations; innovative research on the interaction of micro-organisms with each other and their biotic and abiotic environment.

**Topics :**
Microbiology: multidiscip.

**Open access :** Author-paid optional open access

**Languages :** English

**Journal reputation :**
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Peer-reviewed with Impact Factor (IF)

**Informations générales**
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**Publishing costs :** No
**Cost of optional open access :** 2860 $ (updated 01/01/2021)

**Données de la recherche**
**Research data access policy :** Deposit recommended
**Data repositories recommended by the journal :** <https://www.elsevier.com/authors/tools-and-resources/research-data/data-base-linking#repositories>

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