

## Special Issue

# Bacteria Present in Nitrogen-Fixing Nodules

### Message from the Guest Editor

This Special Issue will combine reviews and research articles addressing novel questions in the context of nitrogen-fixing root nodule symbioses. Suitable topics include, but are not limited to, the following themes and questions:

- Analysis of nodule metagenomes, or 16S profiles, of surface-sterilized legume or actinorhizal nodules: which bacterial groups are commonly present? Which factors determine the composition of the non-rhizobial or non-*Frankia* communities?
- Which soil bacteria improve nodulation, and which soil bacteria end up inside nodule tissues? Do these groups overlap?
- How do non-rhizobia in legume nodules—or non-*Frankia* bacteria in actinorhizal nodules—affect the nodule metabolome or the nodule transcriptome?
- Is there evidence for interactions between nitrogen-fixing microsymbionts and other nodule bacteria?

Moreover, the methodological aspect should not be neglected: which DNA isolation methods are best suited to explore the diversity of bacteria in nodules?

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### Guest Editor

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### Deadline for manuscript submissions

closed (15 May 2023)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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

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