



## Tropical Biotechnology

Guest Editor:

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Deadline for manuscript  
submissions:  
**closed (20 June 2025)**

### Message from the Guest Editor

Dear Colleagues,

The tropics encompass ecosystems of remarkably high biological value. Even today, a massive number of biological species are still unknown. The tropics are also regions of growing productive activities, mainly agriculture. Several native species are of **global interest** for their nutritional value, bioactive compounds for medicinal applications, oils for food and cosmetics products, biopolymers for material industries, and many others. At the same time, updating **conventional agriculture** practices is a need. In this line, the research on the sustainable use of tropical resources is fundamental for reducing deforestation, pollution, and greenhouse gas emissions. In this context, for this **Special Issue**, we invite submissions that investigate diverse strategies in **plant biotechnology, microbial and enzyme technology, biorefinery technologies, and environmental bioanalysis** that could contribute to the sustainable use of ecosystems resources.





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## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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