

## Special Issue

# Advanced Plant Biotechnology in Sustainable Agriculture

### Message from the Guest Editors

Advanced plant biotechnology includes a series of innovative, scientific and technical methods applied to guarantee food security. Advanced biotechnology in sustainable agriculture should effectively improve global agricultural productivity, guarantee food security, and alleviate human poverty. The Special Issue “Advanced Plant Biotechnology in Sustainable Agriculture” aims to provide an overview of the latest developments in major fields of advanced plant biotechnology. With its paramount importance in achieving the dual goals of high-quality food production and effective environmental protection, we welcome original research articles and reviews concerning all aspects related to advanced plant biotechnology in sustainable agriculture.

#### Keywords:

- genetic engineering
- cropping systems
- smart fertigation
- remote sensing
- climate change

### Guest Editors

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### Deadline for manuscript submissions

closed (20 January 2025)



## Applied Sciences

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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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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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