

## Special Issue

# Advanced Topics in Leguminous Research for Agriculture Sustainability, Ecosystem Services and Human Well-Being

### Message from the Guest Editors

Leguminous plants are among the most widespread in the world and have colonized varied and extreme environments. They have played a key role in agriculture for their ability to fix nitrogen and improve soil fertility and have been used for human and animal nutrition for millennia as vegetal source of protein and carbohydrates. This Special Issue of *Plants* will highlight the advanced issues in leguminous research regarding their role in agriculture sustainability, maintenance and improvement of ecosystem services and human well-being. In particular, the manuscripts should address one or more of the following (not exhaustively) listed topics: (i) genetic diversity and taxonomy structure, (ii) genomic selection and agronomic solutions to improve nutritional capacity and resistance to harsh conditions, (iii) nutrients, bioactive compounds and biofortification, (iii) role in human and animal nutrition, with focus on innovative food and feed solutions, (iv) sustainability and ecosystem services of legume-based cultivations, semi-natural and natural vegetation. For each of the listed topics, a reasoned, updated review is also welcome.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 June 2022)



## Plants

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## About the Journal

### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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### Editor-in-Chief

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