

## Special Issue

# Vegetable Molecular Biology for Plant Growth and Development

### Message from the Guest Editors

Vegetables are one of the basic food sources for humans, which supply essential vitamins, minerals and fibers. Certain kinds of roots, stems, leaves, flowers, fruits and even seeds can form edible organs of vegetables with commercial values. Environmental factors such as temperature, light, atmosphere, moisture, fertilizers and soils as well as internal factors such as genetic makeup, plant hormones, and signal molecules affect the growth and development of vegetables and the formation of various edible organs. In this Special Issue, we will provide a platform to exchange the effects of external factors and internal factors on the growth and development of vegetable crops. It is a research hotspot to reveal the mechanism of plant development and regulation by multiomics such as genomics, transcriptomics, proteomics and epigenetics, etc, from genes to gene networks. We welcome a range of reviews, opinions and research articles on the growth and development of vegetables.

---

### Guest Editors

Prof. Dr. Ying Li

Prof. Dr. Jie Zhou

Dr. Changwei Zhang

---

### Deadline for manuscript submissions

closed (31 March 2023)



## Agronomy

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.2



[mdpi.com/si/108388](https://mdpi.com/si/108388)

*Agronomy*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agronomy@mdpi.com](mailto:agronomy@mdpi.com)

[mdpi.com/journal/  
agronomy](https://mdpi.com/journal/agronomy)





# Agronomy

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.2



[mdpi.com/journal/  
agronomy](https://mdpi.com/journal/agronomy)



## About the Journal

### Message from the Editor-in-Chief

*Agronomy* draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

*Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

---

### Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,  
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

#### Journal Rank:

JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)