



## Impacts of Photoreceptors on Plant Growth and Development

Guest Editor:

**Prof. Dr. Chentao Lin**

Department of Molecular, Cell  
and Developmental Biology,  
University of California, Los  
Angeles, CA 90095, USA

Deadline for manuscript  
submissions:

**closed (30 January 2017)**

### Message from the Guest Editor

Dear Colleagues,

Photosensory receptors regulate every aspect of plant growth and development that impact agronomic productivity, from photosynthesis to defense, germination, and seed production. Recent progresses in the study of photoreceptors of model plants and crops have significantly advanced our understanding of how photoreceptors regulate plant development. This Special Issue will introduce recent advancement in the research of photoreceptors of Arabidopsis and crops, including phytochromes, cryptochromes, phototropins and other LOV-domain photoreceptors, and the UVA receptor, with the focus on how those photoreceptors affect plant metabolic and developmental processes.

Prof. Dr. Chentao Lin

*Guest Editor*





an Open Access Journal by MDPI

## **Editor-in-Chief**

### **Prof. Dr. Leslie A. Weston**

Graham Centre for Agricultural  
Innovation, Charles Sturt  
University, Wagga Wagga, NSW  
2678, Australia

## **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.

## **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 (*Agronomy*) / CiteScore - Q1 (*Agronomy and Crop Science*)

## **Contact Us**

---

*Agronomy* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/agronomy](http://mdpi.com/journal/agronomy)  
[agronomy@mdpi.com](mailto:agronomy@mdpi.com)  
[X@Agronomy\\_Mdpi](https://twitter.com/Agronomy_Mdpi)