

## Special Issue

# The Development and Evolution of Legumes

### Message from the Guest Editor

Leguminous plants have garnered significant attention from botanists and biologists due to their diverse morphology and intriguing biological phenomena, such as nitrogen fixation, leaf movement, and dual-type flowers. As the third-largest family of angiosperms, leguminous plants play crucial biological roles, with many leguminous crops serving as important sources of protein and oil for human consumption. In order to address current challenges related to climate change and food security, it is imperative to conduct further research on leguminous plants. In recent decades, *Medicago truncatula* and *Glycine max* have emerged as rising stars in the field of model plants, attracting increasing attention and interest from plant scientists. This Special Issue, titled "The Development and Evolution of Legumes", will focus on various aspects of legume research, including development, genetics, genomics, breeding, evolution, and biological functions. We anticipate that the manuscripts submitted to this Special Issue will offer valuable insights into the agricultural utilization and ecological significance of legumes.

---

### Guest Editor

Dr. Shaoli Zhou

Xishuangbanna Tropical Botanical Garden Chinese Academy of Sciences, Kunming, China

---

### Deadline for manuscript submissions

closed (17 December 2024)



## Life

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/183999](https://mdpi.com/si/183999)

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

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





# Life

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.0  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

*Life* (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

---

### Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona  
Institute of Science and Technology, 08028 Barcelona, Spain

---

### 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), PubMed, PMC, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)