

Special Issue

Frontier Studies in Legumes Genetic Breeding and Production

Message from the Guest Editors

This Special Issue will cover basic and application-oriented studies that support and facilitate legume genetics and breeding research. Both research articles and review articles are welcome. Potential topics include, but are not limited to, the following:

- QTL mapping and marker-assisted selection;
- GWAS and genomic selection/prediction;
- Molecular breeding by design;
- Genotype–environment interaction;
- Breeding for tolerance to abiotic and biotic stresses;
- Nitrogen efficiency modification;
- Symbiosis mechanism detection;
- Varietal and agrotechnical progress;
- Dissection of key genes regulating yield-related traits;
- Production in various farming systems;
- Seed quality and nutritional and fodder value;
- Food and feed safety;
- Crop profitability and economic aspects.

Guest Editors

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Dr. Hong Zhai

Prof. Dr. Dawei Xin

Deadline for manuscript submissions

closed (30 June 2023)



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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.

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Editor-in-Chief

Prof. Dr. Leslie A. Weston

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