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## Genetics and Breeding of Legume Crops

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Deadline for manuscript  
submissions:

**closed (15 May 2024)**

### **Message from the Guest Editors**

Dear Colleagues,

Legume crops are a source of proteins, amino acids, carbohydrates (starch), oils, vitamins and minerals, dietary fibers, and phytochemicals for a large proportion of the world population. Consuming high levels of legumes lowers the risk of some non-communicable diseases. Legumes also play positive roles in cropping systems. At present, only a small portion of legume crops are utilized in industry, while a large number of the crops are still underutilized. Nonetheless, in recent years, legume crops have been in the spotlight as raw materials for plant-based meats—a future food. However, there is an urgent need to develop new cultivars of legume crops that meet the needs of farmers, consumers and industries to cope with the rapidly changing world. Recent advances in DNA sequencing technology and plant phenotyping technology have led to rapid progress in the genetics and breeding research of legume crops.

This Special Issue on “Genetics and Breeding of Legume Crops” compiles papers on both theoretical and applied research highlighting all aspects of the genetics and breeding of legume crops.

Prof. Dr. Xingxing Yuan

Dr. Prakrit Somta

*Guest Editors*



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# Special Issue



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## Editor-in-Chief

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## Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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