

## Special Issue

# Genetic Research on Maize Kernel Development

### Message from the Guest Editors

Maize is one of the most important cereal crops worldwide and is used in the production of food, feed, and industrial products. The development of high-yield and high-quality maize kernels with biofortification, low toxicity, and seed vigor is of paramount importance for ensuring global food security and agricultural sustainability. Recent advancements in genetics, spatial transcriptomics, and genomic technologies have led to significant breakthroughs in our understanding of the complex genetic networks involved in maize kernel development. This Special Issue aims to feature cutting-edge research on various aspects of maize kernel development. We welcome researchers from all over the world to contribute their original research articles, reviews, and perspectives to this issue. The topics covered include but are not limited to genetics, genomics, breeding, and molecular mechanisms. By sharing the latest findings and advancements in this field, we aspire to establish a comprehensive platform for researchers to further our understanding of maize kernel development.

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### Guest Editors

Dr. Zhiyong Zhang

Dr. Weibin Song

Dr. Chao Bian

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### Deadline for manuscript submissions

closed (20 November 2024)

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## Genes

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### Message from the Editor-in-Chief

*Genes* is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving 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. Why not consider *Genes* for your next genetics paper?

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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
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