

Special Issue

Functional Genomics of Peanut

Message from the Guest Editors

Peanut (*Arachis hypogaea* L.) is a major oil crop grown worldwide. The scope of this Special Issue encompasses a wide range of topics within peanut genomics, including but not limited to gene discovery, functional characterization of genetic elements, genome-wide association studies (GWASs), transcriptomics, proteomics, and epigenomics. We aim to highlight research that elucidates the genetic underpinnings of traits such as disease resistance, oil composition, yield, and stress responses. Additionally, studies that explore the application of novel genomic technologies and integrative genomics approaches to advance peanut breeding and cultivation are highly encouraged. Through this Special Issue, we seek to compile a comprehensive collection of high-quality research articles, reviews, and potentially method papers that push the boundaries of our understanding and improve the genetic resources available for peanut improvement. We look forward to your contributions that will not only enrich our genetic knowledge but also pave the way for enhanced peanut varieties.

Assistant

Guest Editors

Prof. Dr. Dongmei Yin

Dr. Fangping Gong

Dr. Qiu Ding

Deadline for manuscript submissions

closed (25 February 2025)

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About the Journal

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?

Editor-in-Chief

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