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## Genetics and Breeding of Rice (*Oryza sativa* L.)

Guest Editors:

**Dr. Satendra Kumar Mangrauthia**

ICAR - Indian Institute of Rice Research, Hyderabad, India

**Dr. Raman Meenakshi Sundaram**

ICAR - Indian Institute of Rice Research, Hyderabad, India

Deadline for manuscript submissions:

**closed (15 December 2023)**

### Message from the Guest Editors

Rice is the primary calorie source for more than half of the world's population, thereby ensuring global food security. In addition to structural genomics, the progress on functional genomics has accelerated in recent times through the development of mutants, the mapping of QTLs and genes, transgenic development and genome editing. The information generated through genomics has been successfully utilized in developing new cultivars/genotypes through breeding and genome-editing approaches.

This Special Issue will cover the identification and characterization of genes/alleles/haplotypes through the sequencing and resequencing of rice germplasm, transcriptomics, bioinformatics, over-expression and knock-out/knockdown through genome-editing/RNAi approaches. All aspects of structural and functional genomics are within the scope of this Issue.



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# Special Issue



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## Editor-in-Chief

### **Prof. Dr. Selvarangan Ponnazhagan**

Department of Pathology, The University of Alabama at Birmingham, 1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

## 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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*Genes* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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