

Special Issue

Genetics and Breeding of Forage

Message from the Guest Editors

Forage is crucial for animal feed and is a fundamental component of grasslands worldwide. As human populations grow and the global environment changes, there is a need for a greater variety of forage to ensure sufficient protein for animals and to rejuvenate depleted pastures. Understanding the genetic characteristics of forage traits is beneficial for unlocking the excellent potential of the germplasm resource pool, thereby creating desirable varieties. Improving important agronomic traits, such as yield and quality, abiotic stress tolerance and seed yield, can be achieved through traditional or biotechnology methods. This Special Issue aims to provide a comprehensive and up-to-date overview of the "Genetics and Breeding of Forage". It focuses on understanding the genetic background of forage, its ability to adapt to adverse environmental conditions, genome-related research, changes in forage, and genetic functional analysis from multiple perspectives, such as plant physiology, genetics, functional genomics, and phenotype and germplasm development. This information will help enhance forage production, stress management, seed quality and more.

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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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