Special Issue

Molecular Breeding Approaches for Soybean Yield and Quality Trait Improvement

Message from the Guest Editors

Plant domestication is of great interest to plant biologists, ethnobotanists, and archaeologists. Domestication increased plants' adaptability to changing environmental conditions through the selection and transformation of wild plants into cultivars that were developed over thousands of years aimed at crop improvement to meet specific human needs. Soybean is a legume crop which is grown worldwide owing to its high protein and oil content. The rise in soybean production is because to meet the food and fuel requirements of the increasing global population. Soybean is a primary source of protein, oil, and bioactive components such as fatty acids, sugars, and isoflavone. The oil from soybean consists of saturated , monounsaturated and polyunsaturated fatty acids. The seed isoflavones of soybean also have beneficial impacts on human health including treatment of different types of cancer, heart diseases, and menopause. The current Special Issue is aimed at the major needs and bottlenecks of crop science for the improvement of soybean yield, nutritional quality, and from the scientific issues behind the improvement of soybean nutritional quality.

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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