Special Issue

Progress and Innovations in Breeding Objectives and Technologies for Solanaceae Crops Production—2nd Edition

Message from the Guest Editors

During the growth of Solanaceae crops, environmental stress and the invasion of pests and diseases seriously threaten fruit yield and quality. At the same time, restrictions on crop varieties such as potatoes, tomatoes, petunias, eggplants, and peppers, as well as excessive pesticide spraying, have further hindered the development of Solanaceous crops. The combination of "omics" technologies such as genomics and proteomics with modern sequencing technology has greatly helped in the discovery of high-quality genes of Solanaceae crops. In addition, as biotechnology and traditional breeding approaches are now being combined, new opportunities have opened up for the verification of gene function and the development of high-quality varieties. This Special Issue aims to disseminate the latest advancements in breeding objectives and technologies for Solanaceae crops globally, encompassing a wide range of topics, including but not limited to Solanaceae crops, breeding objectives, breeding technology, fruit quality, high-quality genes, crop phenotype, and premium variety. Researchers are invited to submit original papers, communications and reviews.

Guest Editors

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