

Special Issue

Metabolic Engineering of Plants

Message from the Guest Editors

Plants have the ability to use CO₂ and the energy derived from the Sun to produce a highly diverse range of compounds. Therefore, plants are the most obvious platform for the sustainable generation of food, chemicals, and valuable materials. Metabolic engineering emerged and developed over the past 20 years as a field in which methodologies for the rational engineering of biological systems have been applied to specific industrial, medical, or scientific problems. Metabolic engineering in plants involves direct and indirect modifications of endogenous pathways to redirect one or more enzymatic reactions in order to produce new compounds or improve/retard the production of known compounds.

Guest Editors

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