

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

Prof. Dr. Maria Lourdes Gómez-Gómez

Department of Science and Agroforestry Technology and Genetics, Botanical Institute, University of Castilla-La Mancha, Campus Universitario s/n, 02071 Albacete, Spain

Dr. Gianfranco Diretto

ENEA (Italian National Agency for New Technologies, Energy and Sustainable Development), Biotechnologies and Agroindustry Division, Department for Sustainability, Casaccia Research Center, Post Bag 026 Via Anguillarese 301, 00123 S.M. di Galeria (Rome), Italy

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4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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