



Synthesis of Natural Products Using Engineered Plants and Microorganisms

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Deadline for manuscript
submissions:

31 July 2024

Message from the Guest Editors

Dear Colleagues,

Plants and microorganisms, especially medicinal herbs, harbor diverse natural products. Among them, many are bioactive molecules, which have potential pharmaceutical or health applications. However, the compositions of these bioactive molecules in plants or microorganisms are usually low. The development of omics technologies and synthetic biology provide opportunities to produce bioactive molecules using metabolically engineered plants or microorganisms. Artemisinin, rare ginsenosides, and several other natural products have been produced on a large-scale. To further apply natural products, using cutting-edge synthetic biology and engineering biology technologies in plants and microorganisms is of great interest.

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Message from the Editor-in-Chief

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Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

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