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Synthesis of Flavonoids or Other Nature-Inspired Small Molecules

Guest Editor:

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Deadline for manuscript
submissions:

closed (1 February 2022)

Message from the Guest Editor

Dear Colleagues,

Natural compounds are characterized by a unique variety of chemical structures, functional groups, and stereochemical properties. Moreover, from the medicinal chemistry point of view, several naturally occurring small molecules are endowed with valuable biological activities and have inspired the design and development of drugs. Flavonoids represent an outstanding example among natural compounds.

This Special Issue aims at collating original contributions describing the synthesis of natural compounds and semi-synthetic derivatives of natural molecules. Articles should contain original and efficient synthetic approaches or significant process innovations in the preparation of natural and semi-synthetic compounds, with a particular focus on biologically relevant molecules. Moreover, research articles reporting significant results concerning extraction procedures, structural elucidation and structural characterization of natural compounds and derivatives involving the use of advanced analytical techniques (chromatography, 1D and 2D NMR, mass spectrometry, IR and UV spectroscopy) are particularly welcome.

Dr. Giovanni Ribaudò

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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