Special Issue

Total Synthesis of Biologically Active Product

Message from the Guest Editor

Biologically active products, have been vital in the elucidation of numerous biological processes and in the treatment of human diseases. While the identification of a biological active product is central to the development of new drug, crucially it is their total synthesis that can provide key mechanistic understandings, as well as delivering a 'practical' synthetic route for the supply of valuable materials. This development has been motivated by several factors including: (a) curiosity—where a total synthesis is inspired by the unique chemical structure of a natural product; (b) methodology—where the total synthesis of biological product is used to display a novel synthetic methodology; and (c) efficiency—where an existing total synthesis of biologically active products requires streamlining. In this forthcoming Special Issue of *Molecules* entitled "*Total Synthesis of Biologically Active Products*" we invite contributions on the total synthesis of biologically-active products, including recent key findings, latest developments and innovative synthetic approaches.

Guest Editor

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Deadline for manuscript submissions

closed (30 May 2020)

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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