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From Natural Polyphenols to Synthetic Bioactive Analogues

Guest Editor:

Prof. Dr. Corrado Tringali

Dipartimento di Scienze
Chimiche, Università di Catania,
Viale A. Doria 6, I-95125 Catania,
Italy

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Message from the Guest Editor

Dear Colleagues,

In recent years, phenolic compounds from plant sources, commonly referred to as ‘plant polyphenols’, have been the subject of an impressive number of research studies, to a large extent focused on the healthy properties attributed to diet polyphenols, including antioxidant, anti-inflammatory, antineoplastic, antidiabetic, neuroprotective, and other biological activities. Additionally, phenolic compounds isolated from toxic plants and showing cytotoxic or antiproliferative activity have been intensively investigated in view of a possible exploitation of their anticancer properties. Finally, synthetic compounds inspired to a natural scaffold may also show new and unexpected biological properties.

Thus, this Special Issue aims to highlight the most recent results both in the field of natural polyphenols and in that of their synthetic bioactive analogues. Original articles, as well as reviews, regarding studies on analogues of flavonoids, stilbenoids, curcuminoids, lignans, neolignans and polyphenol-derived compounds are welcome.

Prof. Dr. Corrado Tringali
Guest Editor



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Special Issue



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Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
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University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

Message from the Editor-in-Chief

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Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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