



## Biological Activities of Plant Secondary Metabolites

Guest Editor:

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submissions:

**closed (30 June 2020)**

### Message from the Guest Editor

Dear Colleagues,

Medicinal plants have historically played an important role as a source of new drugs. Renewed scientific interest in plant secondary metabolites for drug discovery and for treating important pathologies is evident from the analysis of publications trends in several scientific databases and from the impact on the public health policies.

In this scenario, the study of the biological activity of plant derivatives, often due to the synergistic interactions of several active molecules, becomes crucial in the fight against serious diseases, such as cancer, whose cause is always multi-factorial.

In light of these premises, this Special Issue aims to collect contributions on potential of plant secondary metabolites for health applications, through the chemical characterization of standardized extracts, single compounds and their mixtures, their biological activities, such as cytotoxicity against microorganisms and human cell lines, antimicrobial, antifungal, antioxidant, anti-inflammatory effect and safety properties, such as genotoxicity and/or geno-protection.

Prof. Dr. Alessandra Guerrini

*Guest Editor*





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## Message from the Editor-in-Chief

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