

Tentative Outline

Special Thematic Issue for the journal *Current Analytical Chemistry*

Chemical profile of iridoids of various plants: analytical and toxicity tools

Guest Editors: *Maria Angela A Meireles*

• **Scope of the Thematic Issue:**

This thematic issue focus on both analytical tools used to identify and quantify iridoids and their potential harm to humans. Should cover the sources of iridoids from plant material, the analytical tools to identify their chemical profile, their potential uses as pigments, additional bioactivities such as anticancer, antidiabetic.

Keywords: Iridoids, Analytical methods, Chemical profile, Iridoids toxicity, Anticancer activity, Antidiabetic activity, Bioactivity, Pigments, Sources of iridoids

Sub-topics:

The sub-topics to be covered within the issue should be provided:

- *Sources of iridoids: plant materials origins*
- *Analytical methods: Chromatography, NMR, UPLC,*
- *Bioactivity: substances with bioactivity*
- *In vitro and in vivo tests: cancer, diabetes, toxicity*

Tentative titles of the articles and list of contributors:

Tentative titles of the articles and list of contributors with their names, designations, addresses, and email addresses should be provided.

This information is attached as an Excel file. Tentative titles are not provided at this time to allow authors to suggest them. The file contains the requested information as well as the titles of the articles recently published in Journals indexed in Scopus or Web of Science. The h-index is provided—some quite high and others quite low. The reason for including the potential authors with low h-index is because the articles published are exciting.

Schedule:

- ✧ Thematic issue submission deadline:
Acceptance of invitation by potential authors: 60 days after the invitation was sent

- Acceptance of the proposed title and 100 words abstract: up to 30 days after the author's abstract submission*

- Submission of the manuscript: 180 days after the title and abstract acceptance*

- Revision process: 30 – 60 days including authors revision when required*

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