

Special Issue

Application of Gas Chromatography to Detect Volatile Secondary Metabolites from Natural Products of Pharmacological Interest

Message from the Guest Editor

Secondary metabolites, so called because they are not involved in basic vital functions, are organic compounds produced by bacteria, fungi and plants whose main function is to mediate the interactions between plant and animal ecosystems, in addition to playing a role in the defense against external attack (e.g., protecting plants against herbivores). Secondary metabolites of plant origin are widely used in the aromatic, medical and pharmaceutical sectors. Indeed, the extensive pharmacological effects of medicinal plants depend primarily on their phytochemical constituents.

Keywords:

- natural products
- GC and GC/MS
- secondary metabolites
- phytochemicals
- medicinal plants
- volatile compounds
- chemical analyses

Guest Editor

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