Special Issue

Hyphenated Techniques' Enlightenment in Chemical Analysis: From Complex Matrices of Plant Extracts and Foods to Human and Human Metabolism

Message from the Guest Editor

Hyphenated techniques combine powerful analytical systems in order to illustrate the composition of several complex matrices and to reveal their chemical information. Among these are complex matrices from natural plant extracts and foods to the human metabolism. The development and application of hyphenated techniques and the analytical information obtained provide tools for several scientific fields. Focusing on either bioactive compounds or safety and originality for several matrices, from plant and food extractsto fluids of the human body, hyphenated techniques are widely applicable in the above fields for a range of approaches from constituent determination to holistic approaches. The proposed Special Issue focuses mainly on methods based on gas (GC) or liquid chromatography (LC) techniques hyphenated to, mainly, spectroscopic (such as fluorescence spectroscopy, Nuclear Magnetic Resonance spectroscopy (NMR)) and spectrometric techniques (mainly MS) for several matrices: plant extracts, foods and human body fluids. Review/mini-review articles and original research papers dealing with the above thematic issues are warmly welcomed.

Guest Editor

Dr. Constantinos G. Tsiafoulis

1. Laboratory Didaktic Personnel, Lab. of Analytical Chemistry, NMR Centre, Section of Inorganic and Analytical Chemistry, Dept. of Chemistry, University of Ioannina, Ioannina, Greece
2. Collaborative Educational Personnel, School of Natural Sciences and Technology, MSc Program Course "Chemical and Biomolecular Analysis", Hellenic Open University, Patra, Greece

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Separations
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
separations@mdpi.com

mdpi.com/journal/separations

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Editor-in-Chief

Prof. Dr. Frank L. Dorman
Department of Chemistry, Dartmouth College, Hanover, NH 03755, USA

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