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Advances in Chemotaxonomy of Plants

Guest Editors:

Dr. Jan Schlauer

The Center for Plant Molecular Biology (ZMBP), University of Tuebingen, Auf der Morgenstelle 32, D-72076 Tuebingen, Germany

Dr. Heiko Rischer

VTT Technical Research Centre of Finland Ltd., Tietotie 2, P.O. Box 1000, 02044 VTT Espoo, Finland

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Message from the Guest Editors

In most cases without knowing, mankind has always practiced the art and science of chemotaxonomy (which plants are fit to what purpose, based on the material properties/constituents to be expected from their identity), as it essentially combines the basic skills of taxonomy (recognition and intellectual management of biodiversity) and natural product chemistry (investigation/use of taxonspecific constituents). While its scientific fundamentals are rooted deeply in the history of science (with Hegnauer's monumental "Chemotaxonomie der Pflanzen" of 1962-2001 marking an important milestone), only recently have new analytical methods (disclosing a bewildering array of natural products and their metabolism) and access to a wide range of source materials (disclosing a diverse array of taxa and their mutual relationships) provided more detailed data and improved understanding of their significance.

The purpose of this Special Issue is to document the status quo and to outline future perspectives of chemotaxonomy, based on exemplary recent research. It is open to articles on novel methods and/or results contributing to this aim.











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Editor-in-Chief

Prof. Dr. Dilantha Fernando Department of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2. Canada

Message from the Editor-in-Chief

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