

Special Issue

Advanced Natural Product Technology: Extraction, Separation, and Analysis

Message from the Guest Editors

This Special Issue seeks high-quality works focusing on the main modern laboratory methods applicable to natural products and the characterization of their curative potential. As natural matrices include not only those derived from plant material, but all substances produced by living systems (silk, corn starch, bioplastics, milk, soil, coal, insects, products from bees, etc.). Thus, this Special Issue will also include the following topics:

- Products obtained through the use of organic chemistry and natural bio-synthesis;
- Natural products used in the cosmetic industry, dietary supplements, and food ingredients produced from natural sources, without added artificial ingredients;
- Animal and insect products.

Topics include, but are not limited to, methods such as solvent extraction, supercritical fluid extraction, distillation, ultrasound-assisted extraction, decoction, maceration, microwave-assisted extraction, HPLC, and gas chromatography separation, which are applicable to the majority of natural matrices, not only to plant-based materials, and can be a starting point in obtaining high-quality products for human consumption or the treatment of various diseases.

Guest Editors

Dr. Adela Ramona Moise

Apiculture and Sericulture Unit, Faculty of Animal Science and Biotechnologies, University of Animal Sciences and Veterinary Medicine Cluj-Napoca, 400372 Cluj-Napoca, Romania

Prof. Dr. Daniel Severus Dezmirean

Apiculture and Sericulture Unit, Faculty of Animal Science and Biotechnologies, University of Agricultural Science and Veterinary Medicine Cluj-Napoca, 400372 Cluj-Napoca, Romania

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

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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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