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## Extraction, Characterization and Biological Activity of Natural Products

Guest Editors:

**Dr. Aleksandra Cvetanović Kljakić**

Faculty of Technology,  
University of Novi Sad, Bulevar  
cara Lazara 1, 21000 Novi Sad,  
Serbia

**Dr. Linlin Yan**

Institute of Chemical Industry of  
Forest Products, CAF, Nanjing  
210042, China

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### Message from the Guest Editors

Natural products are widely used in many branches of industry, especially in the pharmaceutical, cosmetic, and food industries. And research regarding the isolation mechanisms of bioactive molecules has intensified. More research is being conducted with the aim to determine their bioactivity in vitro and in vivo, but also to elucidate their action mechanism. It is important to determine the potential toxicity of natural bioactive compounds, as well as toxic doses, but also their metabolism in a living organism. In addition to biological characterization, their chemical characterization is of great importance, and research is intensifying in the field of development of analytical methods for their reliable detection, identification, and quantification. Due to the exceptional importance of natural bioactive compounds, there is a growing interest in finding alternative sources of potential biomolecules, so that waste from the agroforestry, agriculture, and food sectors is recognized as their potential source, positively related to ecology and environmental protection. Furthermore, new efficient and environment-friendly extraction solvents or technologies should be developed.



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**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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Plants Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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