



an Open Access Journal by MDPI

Extraction, Purification and Structure Elucidation of Active Natural Compounds

Guest Editors:

Prof. Dr. Maged Saad Abdel-Kader Youssef

Department of Pharmacognosy, College of Pharmacy, Prince Sattam Bin Abdulaziz University, Al-Kharj 11942, Saudi Arabia

Prof. Dr. Eman Shawky Anwar

Department of Pharmacognosy, Faculty of Pharmacy, Alexandria University, Alexandria 21521, Egypt

Prof. Dr. Doaa Ahmad Ghareeb

Bio-Screening and Preclinical Trial Lab, Biochemistry Department, Faculty of Science, Alexandria University, Alexandria, Egypt

Deadline for manuscript submissions: closed (10 May 2023)

Message from the Guest Editors

Following recent advances in the treatment and control of diseases, nature has provided, and still is providing, humanity with unique bioactive inities. For decades, natural products represent an important section in drug discovery and developments. Natural products and or their semisynthetic derivatives have great impact in our struggle to fight against the various health conditions which threaten human life. A considerable part of the discovery of natural products was achieved via comprehensive phytochemical and biological studies of traditionally used plants. This Special Issue seeks to publish high-quality manuscripts which describe the extraction and purification of bioactive compounds from natural sources. The new biological activity discovery for known compounds will be considered. The application of new chromatographic and spectroscopic techniques in the field of natural products will always be helpful for obtaining lead natural compounds for drug development.









an Open Access Journal by MDPI

Editor-in-Chief

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

Message from the Editor-in-Chief

Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, Separations, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, and other databases.

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 12.4 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).

Contact Us

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