Topical Collection

Recent Trends in the Separation of Natural Products and Pharmaceuticals

Message from the Collection Editors

In the Topical Collection on “Recent Trends in the Separation of Natural Products and Pharmaceuticals”, we welcome original research and review articles on the development and application of analytical separation technologies to both natural product and pharmaceutical sciences. Analysis of pharmaceuticals, on the other hand, is an extremely broad topic ranging from quality control or raw materials to the impurity profiling of active ingredients and to bioanalytical applications. Original work on all aspects of related research is welcome. Impurity profiling and especially the identification/quantification of genotoxic impurities are of particular interest, while simple assays using HPLC should provide clear advantages from an analytical point of view to be processed further. Bioanalytical methods including pharmacokinetic, bioequivalence, protein, and DNA-binding studies are welcome on the basis of analytical novelty, including sample preparation. In all cases, novelty will be the major suitability criterion of submitted articles. Authors must therefore always address the question of how their proposed methodology compares with previously reported methods.

Collection Editors

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About the Journal

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.

Editor-in-Chief

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Author Benefits

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).