



Advances in Chemical Fingerprint Assessment and Analytical Isolation of Natural Products and Pharmaceuticals

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Message from the Guest Editor

Natural Products and Pharmaceuticals are a rich resource of potential therapeutics, and they have broad, synergistic actions on physiological systems and a relatively lower incidence of adverse events. Moreover, they have been used as natural remedies to prevent and cure diseases for a long time. Fingerprint analysis has emerged as a very useful technique to assess the quality of natural products by evaluating the whole chemical profile and extracting a pattern to assess the individual material or formulation. HPLC fingerprinting could be used for the comprehensive evaluation and quality assessment of Natural Products and Pharmaceuticals, providing a theoretical basis for future development and utilization. Quality control necessitates the separation and quantification of molecules and the use of advanced techniques for the precise characterization of ingredients. These techniques can also be improved and updated to reduce the costs and minimize sample preparation and the consumption of solvents. Chemical fingerprinting could be [...] for further reading, please follow the link to the Special Issue Website at: [https://www.mdpi.com/journal/separations](https://www.mdpi.com/journal/separations/special_issues/WP7BQ554O2)

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