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PHARMACOGNOSY, PHYTOCHEMISTRY & NATURAL PRODUCTS

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I think the future development of Natural Products

The research on Chinese herbal medicines and natural product, especially the purification and verification of active substances are time consuming and labor intensive. How can we expedite the search for active substances? How do we decrease the need for human labor? How should we improve the tedious steps of experiment? I will be providing evaluation and analysis from these perspectives including Leaf-Spray mass spectrometry, HPLC-microplate assay method, and silico prediction database.

Biography

Ching-Kuo Lee has completed his PhD from Department of Chemistry in National Taiwan University and was a short-term Visiting Scholar at Purdue University in USA and Leiden University in Netherlands. Presently, he is working in School of Pharmacy, Taipei Medical University, Taiwan. His research interest is to solve the bottleneck of natural product research. He has published more than 50 papers in peer-reviewed journals.

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