

## 基於紅外光譜特徵分辨中葯材品種、產地及生長方式的高精度檢測系統

香港浸會大學計算機科學系的張曉明博士及其領導下的科研小組成功開發了基於紅外光譜特徵快速分辨中葯材品種、產地及生長方式的檢測系統，精確率逾94%。其核心紅外光譜特徵提取技術已獲得中國國家知識產權局所授予發明專利權。該檢測系統的優點在於快速、高精度及低成本的進行有效定性檢測，不僅可檢測中葯材品種及質量好壞，更可廣泛用於快速鑒別中葯材、食品及酒類的真偽。

An Infrared-Spectrum Based Recognition System for Identifying Chinese Herbal Species, Origins and Growth Mode with High-recognition Rate

Together with his research team, Dr. Yiu-ming Cheung from Department of Computer Science in Hong Kong Baptist University has successfully developed a recognition system to identify Chinese Herbal Species, Origins and Growth Mode with the recognition rate over 94%. The underlying core technologies of this system have been recently received the Grant of the Patent Right for Invention, issued by the State Intellectual Property Office of P.R. China.

This recognition system featuring quick, high recognition rate and low-cost identification of the Chinese herbal species and qualitative quality is also applicable to identify the genuineness of food and drinks, as well as the Chinese herbs.