高雄醫學大學九十四學年度博士班招生考試 儀器分析 試題 第一人頁

- 1. How to identify organic compounds from the synergistic information afforded by the combination of mass, ultraviolet, infrared, and nuclear magnetic resonance spectra? (25 %)
- 2. How to apply genetic microarray, Polymerase chain reaction, and flow cytometry to the researches of natural products? Please state their basic designs and application. (25 %)
- What are the significances of the following four HPLC detectors? (25 %)
 a. UV
 b. Photo Diode Array
 c. RI
 d. ELSD (Evaporative Light Scattering Detector).
- 4. How to evaluate the biologic functions of natural products? (25 %)