

# 研究主題平台 XIII — 分子藥理

## 中草藥於癌細胞的生長和死亡調控之機制研究

- **1. Antioxidant:** Total antioxidant status (ABTS assay), 1,1-diphenyl-2-picrylhydrazyl (DPPH) staining, reducing power method,  $Fe^{2+}$ -chelating ability, ferric thiocyanate (FTC) method, and protecting calf thymus DNA against hydroxyl radical-induced damage were studied.
- **2. Anti-inflammatory activity:** We investigated whether the anti-inflammatory effect of target samples could be screened by using Raw 264.7 cell.
- **3. Apoptosis and Cancer metastasis :** We used Chinese herbal medicines to investigate the induction of apoptosis and suppression of cancer metastasis in various cancer cell types.

