

1.儀器名稱：ABI PRISMTM 7900HT Sequence Detection System

991230 製表

項次	Journal 名稱	Topic
1	J. Agric. Food Chem. 2010, 58, 5174–5180	The Metabolic Benefits of Polygonum hypoleucum Ohwi in HepG2 Cells and Wistar Rats under Lipogenic Stress
2	International Immunopharmacology 10 (2010) 883–891	Peptidoglycan enhances proinflammatory cytokine expression through the TLR2 receptor, MyD88, phosphatidylinositol 3-kinase/AKT and NF-kappaB pathways in BV-2 microglia
3	Toxicology Letters 194 (2010) 70–78	Methylmercury chloride induces alveolar type II epithelial cell damage through an oxidative stress-related mitochondrial cell death pathway
4	J Cell Biochem. 2010 May;110(1):141-50.	Bradykinin-Induced Cell Migration and COX-2 Production Mediated by the Bradykinin B1 Receptor in Glioma Cells
5	J Cell Biochem. 2010 Jun 1;110(3):697-705.	Berberine Suppresses Neuroinflammatory Responses Through AMP-Activated Protein Kinase Activation in BV-2 Microglia
6	J Cell Biochem. 2010 Jan 1;109(1):82-92.	Bradykinin Enhances Cell Migration in Human Chondrosarcoma Cells Through BK Receptor Signaling Pathways
7	Mol Nutr Food Res. 2010 Jul;54(7):967-76.	Chrysophanol induces necrosis through the production of ROS and alteration of ATP levels in J5 human liver cancer cells
8	The Prostate 70:502~507 (2010)	Common Variants at 8q24 Are Associated With Prostate Cancer Risk in Taiwanese Men
9	Genomic Med. (2008) 2:45–49	Intragenic microdeletion of RUNX2 is a novel mechanism for cleidocranial dysplasia
10	Toxicology Letters 194 (2010) 70–78	Methylmercury chloride induces alveolar type II epithelial cell damage through an oxidative stress-related mitochondrial cell death pathway
11	Human Molecular Genetics, 2010 1–13 doi:10.1093/hmg/ddq286	Mitochondrial GLUT10 facilitates dehydroascorbic acid import and protects cells against oxidative stress: mechanistic insight into arterial tortuosity syndrome
12	Toxicology Letters 199 (2010) 333–340	Pyrrolidine dithiocarbamate (PDTC)/Cu complex induces lung epithelial cell apoptosis through mitochondria and ER-stress pathways
13	Mol Cancer Ther; 9(10) October 2010	Rapamycin Regulates Stearoyl CoA Desaturase 1 Expression in Breast Cancer

14	Acta Cardiol Sin 2010;26:28_36	Relationship between the Antiplatelet Effect of Aspirin and Serum VCAM-1 Concentration in Patients at High Risk for Cardiovascular Events
15	Ann Surg Oncol (2010) 17:760–771	Synergistic Effects of Polymorphisms in DNA Repair Genes and Endogenous Estrogen Exposure on Female Breast Cancer Risk
16	August 2010 Volume 6 Issue 8 e1001051	The 5p15.33 Locus Is Associated with Risk of Lung Adenocarcinoma in Never-Smoking Females in Asia

2.儀器名稱：Agilent 2100 Bioanalyzer

項次	Journal 名稱	Topic
1	Journal of Ethnopharmacology 132 (2010) 429–437	Application of bioactivity database of Chinese herbal medicine on the therapeutic prediction, drug development, and safety evaluation

3. 儀器名稱：Becton Dickinson FACSAria (Sorter)

項次	Journal 名稱	Topic
1	Wu et al. Molecular Cancer 2010, 9:283	Elimination of head and neck cancer initiating cells through targeting glucose regulated protein78 signaling
2	Oral Oncology 46 (2010) 748–754	A novel indole-3-carbinol derivative inhibits the growth of human oral squamous cell carcinoma in vitro
3	Cancer Res. 2010 Jun 15;70(12):5096-108.	Downregulation of MicroRNA miR-520h by E1A Contributes to Anticancer Activity

4.儀器名稱：Becton Dickinson FACSCanto (Analysis)

項次	Journal 名稱	Topic
1	Thrombosis Research 126 (2010) 517–523	A selective serotonin reuptake inhibitor, citalopram, inhibits collagen-induced platelet aggregation and activation
2	J. Agric. Food Chem. 2010, 58, 7685–7692	Effects of a Chinese Herbal Health Formula, “Gan-Lu-Yin”, on Angiogenesis

3	Biochemical and Biophysical Research Communications 392 (2010) 473–478	Emodin inhibits the growth of hepatoma cells: Finding the common anti-cancer pathway using Huh7, Hep3B, and HepG2 cells
4	Immunogenetics (2010) 62:273–280	Genetic variations in the C ϵ mX domain of human membrane-bound IgE
5	J. Cell. Physiol. 226: 94–102, 2010.	Peritoneal Dialysate Effluent During Peritonitis Induces Human Cardiomyocyte Apoptosis by Regulating the Expression of GATA-4 and Bcl-2 Families
6	European Journal of Pharmacology 648 (2010) 50–58	Photodynamic activity of aloe-emodin induces resensitization of lung cancer cells to anoikis
7	J. Agric. Food Chem. 2010, 58, 11695–11702	Selective Delivery of Cargo Entities to Tumor Cells by Nanoscale Artificial Oil Bodies
8	Kaohsiung J Med Sci November 2010 • Vol 26 • No 11	SYNTHESIS AND CYTOTOXICITY OF 1,6,8,9-SUBSTITUTED α -CARBOLINE DERIVATIVES

5.儀器名稱：Leica TCS SP2 (Confocal Spectral Microscope)

項次	Journal 名稱	Topic
1	J. Agric. Food Chem., 2010, 58 (2), pp 887–894	Indoleamine 2,3-Dioxygenase, an Immunomodulatory Protein, Is Suppressed by (-)-Epigallocatechin-3-gallate via Blocking of γ -Interferon-Induced JAK-PKC- δ -STAT1 Signaling in Human Oral Cancer Cells
2	Mol Nutr Food Res. 2010 Jul;54(7):967-76.	Chrysophanol induces necrosis through the production of ROS and alteration of ATP levels in J5 human liver cancer cells
3	Biomacromolecules, 2010, 11 (1), pp 133–142	Nanoparticles Incorporated in pH-Sensitive Hydrogels as Amoxicillin Delivery for Eradication of <i>Helicobacter pylori</i>
4	Environmental Toxicology (2010)	Oxidative Modifications of Proteins by Sodium Arsenite in Human Umbilical Vein Endothelial Cells
5	J Ethnopharmacol. 2010 Mar 2;128(1):213-20.	Chrysanthemum morifolium Ramat. reduces the oxidized LDL-induced expression of intercellular adhesion molecule-1 and E-selectin in human umbilical vein endothelial cells
6	Oral Oncology 46 (2010) 748–754	A novel indole-3-carbinol derivative inhibits the growth of human oral squamous cell carcinoma in vitro
7	Environmental Toxicology DOI 10.1002/tox	Capsaicin Induces Apoptosis in SCC-4 Human Tongue Cancer Cells Through Mitochondria-Dependent and -Independent Pathways
8	Mol. Nutr. Food Res. 2010, 54, 967–976	Chrysophanol induces necrosis through the production of ROS and alteration of ATP levels in J5 human liver cancer cells
9	Antiviral Research 85 (2010) 504–511	ISG15 over-expression inhibits replication of the Japanese encephalitis virus in human medulloblastoma cells
10	JPET Fast Forward. Published on May 12, 2010	MJ-29 inhibits tubulin polymerization, induces mitotic arrest and triggers apoptosis via CDK1-mediated Bcl-2 phosphorylation in human leukemia U937 cells

11	J. Cell. Physiol. 226: 94–102, 2010.	Peritoneal Dialysate Effluent During Peritonitis Induces Human Cardiomyocyte Apoptosis by Regulating the Expression of GATA-4 and Bcl-2 Families
12	Arch Pharm Res Vol 33, No 8, 1181-1191, 2010	Quercetin-mediated Cell Cycle Arrest and Apoptosis Involving Activation of a Caspase Cascade through the Mitochondrial Pathway in Human Breast Cancer MCF-7 Cells
13	J. Agric. Food Chem. 2010, 58, 11695–11702	Selective Delivery of Cargo Entities to Tumor Cells by Nanoscale Artificial Oil Bodies
14	J. Agric. Food Chem. 2010, 58, 3472–3478	Anti-Inflammatory Bioactivities of Honokiol through Inhibition of Protein Kinase C, Mitogen-Activated Protein Kinase, and the NF- κ B Pathway To Reduce LPS-Induced TNF α and NO Expression
15	VOL. 7, NO. 6 MOLECULAR PHARMACEUTICS(2010)	Targeting L1 Cell Adhesion Molecule Using Lentivirus-Mediated Short Hairpin RNA Interference Reverses Aggressiveness of Oral Squamous Cell Carcinoma

6.儀器名稱：Non-invasive In vivo imaging system(Xenogen IVIS Imaging System 200 Series)

項次	Journal 名稱	Topic
1	Food and Chemical Toxicology 48 (2010) 2319–2325	Antrodia camphorata suppresses lipopolysaccharide-induced nuclear factor- κ B activation in transgenic mice evaluated by bioluminescence imaging
2	J. Agric. Food Chem. 2010, 58, 11156–11164	Consumption of S-Allylcysteine Inhibits the Growth of Human Non-Small-Cell Lung Carcinoma in a Mouse Xenograft Model
3	nature cell biology VOLUME 12 NUMBER 5 MAY 2010	Deciphering the transcriptional complex critical for RhoA gene expression and cancer metastasis
4	Cancer Cell 18, 185–197, August 17, 2010	Regulation of Tumor Angiogenesis by EZH2
5	MOLECULAR PHARMACEUTICS VOL. 7, NO. 6, 2312–2323(2010)	Targeting L1 Cell Adhesion Molecule Using Lentivirus-Mediated Short Hairpin RNA Interference Reverses Aggressiveness of Oral Squamous Cell Carcinoma

7. 儀器名稱：基質輔助雷射脫附游離飛行式質譜儀 (MALDI-TOF/TOF (ultraflex III))

項次	Journal 名稱	Topic
1	Analytica Chimica Acta 681 (2010) 41 – 48	Proteomic identification of salivary transferrin as a biomarker for early detection of oral cancer
2	Biochemical and Biophysical Research	Affinity purification of Candida albicans CaCdc4-associated proteins reveals the presence of novel proteins involved in

	Communications 395 (2010) 152 – 157	morphogenesis
3	Clinica Chimica Acta (2010),	Direct tissue analysis by MALDI-TOF mass spectrometry in human hepatocellular carcinoma

8. 儀器名稱：液相層析串聯式質譜儀 (esquireHCT ultra High Capacity Trap Mass Spectrometry)

項次	Journal 名稱	Topic
1	J. Agric. Food Chem., 2010, 58 (13), pp 7685–7692	Effects of a Chinese Herbal Health Formula, “Gan-Lu-Yin”, on Angiogenesis
2	Allelopathy Journal 25 (1): 73-92 (2010)	Allelopathic potential of Rhododendron formosanum Hemsl in Taiwan

9. 儀器名稱：雷射奈米粒徑及 Zeta 電位量測儀 (Zetasizer Nano ; Malvern #ZS90)

項次	Journal 名稱	Topic
1	Biomacromolecules 2010, 11, 133–142	Nanoparticles Incorporated in pH-Sensitive Hydrogels as Amoxicillin Delivery for Eradication of Helicobacter pylori