

• 計畫中文名稱	中醫藥人才培訓 IV－中醫藥基因體研究及其核心技術訓練		
• 計畫英文名稱	Development of Human Resources on Chinese Medicine V -Genomic Approach to Chinese Medicine and Its Core Techniques Training Program		
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• 計畫編號	CCMP95-RD-209-3	• 研究方式	補助(研究/辦理)
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• 執行機構	台北醫學大學生藥學研究所		
• 年度	98 年	• 研究經費	200 千元
• 研究領域	藥學, 生物技術		
• 研究人員	李美賢		
• 中文關鍵字	中醫藥；基因體；研討會；研習會；；；		
• 英文關鍵字	Chinese Medicine；Genomic；Conference；Workshop；；；		
• 中文摘要	<p>本年度之研討會與研習會乃由行政院衛生署中醫藥委員會補助臺北醫學大學辦理，以整合中央研究院等各大學與研究機構資源，並以學術研討會與核心技術研習會 (Workshop) 併行方式培訓中醫藥基因體相關人才，培育人才投入台灣中醫藥界，加速推動台灣中醫藥基因體相關研究，進而達成台灣中醫藥現代化與國際化的長期目標。本學術研討會由邱文達校長、林榮耀院士、林宜信主委主持開幕典禮，著重於研發成果之開發及產業化，講題包括：”探討中草藥之抗發炎及調節免疫之功能”、” Genomic Medicine to Improve Patient Care and Safety”、”台灣中草藥新藥產業推動策略與發展現況”、”科技中草藥是綠色生技基幹產業”、”生技醫藥之技轉與授權”、”中草藥保健食品:實驗室到市場之路”、”五苓散的應用：從實驗室到臨床應用”、”赤芍用於抗糖尿病之研究進展”、”幹細胞與藥物開發之應用”、”抗氣喘植物新藥開發”、”Use of zebrafish models for the analysis of human disease”、”遺傳資源取得的規範”等就「中醫藥基因體學研究選題、專利保護、產業運用」作切入性的主題分析及討論。本研討會於 97 年 09 月 25-26 日舉辦，總計參與學員超過 600 人次。研習會乃以「整合基因體學 (genomics) 及生物活性 (bioactivity) 模式探討中草藥之抗癌作用」為主題，進行基因體 (Genome)、蛋白體 (Proteome)、生物資訊學 (Bioinformatics)、生物活性 (Bioactivity) 等核心技術研習會 (Workshop) 的實驗操作，藉由實際操作及觀摩達成技術訓練的宗旨。本研習會於 97 年 09 月 09-13 日舉行，主要分為兩個主題，Workshop-I 為 Genomics study, Workshop-II 為 Bioactivity study, 參與人員 Workshop I 42 人、Workshop II 41 人，總計 83 人次。期藉由此訓練課程，培育中醫藥基因體相關人才，增進有關研究，帶動中醫藥科技研究之發展。</p>		

• 英文摘要

This aims of this project, Development of Human Resources on Chinese Medicine -Genomic Approach to Chinese Medicine and Its Core Techniques Training Program, is to develop domestic human resources on Chinese medicine by organizing the academic conference on genomic approach to Chinese medicine as well as the workshop on genomic core technique training programs. The project is organized by the Taipei Medical University and Academia Sinica. The conference programs are focused on topics including “Anti-inflammatory and immnuo-modulatory activities of herbal medicine”, “Genomic Medicine to Improve Patient Care and Safety”, “Licensing and technology transfer”, “Herb-based functional foods: from laboratories to the market”, “Wu-Ling-San: From bench to clinic”, “Stem Cells and Drug Development”, “Use of zebrafish models for the analysis of human disease” etc. The conference was held on Sep. 25-26, 2008. There were over 600 person-time participated in the conference. In addition to the scientific conference, the experimental training programs are also provided year by year as core techniques related to genomic medicine, proteome, structural genome, bioinformatics, systems biology, and metabolism. The topic was “The anticancer activities effects of Chinese herbal medicines by using genomic, proteomic, and biological analysis” this year. The workshop was held on Sep. 9-13, 2008. There were 83 person-time participated among two subjects. This project is developing domestic human resources on Chinese medicine, facilitating to elucidate the genomic medicine on Chinese medicine.