

Research Projects

1. 國科會 NSC89-2320-B-182A-043 (2000) Principal Investigator
Project Title: Expression of cyclooxygenase isozymes and prostaglandin E2 receptor subtypes in human thymus
2. 國科會 NSC90-2314-B-182A-058 (2001) Co-investigator (Principal Investigator: 薛純醫師)
Project Title: Immunohistochemical analysis and molecular characterization of primitive neuroectodermal tumor (PNET) in children
3. 長庚醫院 CGMH91-237 (2002) Co-investigator (Principal Investigator: 王誠醫師)
Project Title: Rejection of polypropylene tape after the Tension-free vaginal tape (TVT) procedure
4. 長庚醫院 CMRPG260431 (2007) Principal Investigator
Project title: Establishment of Her-2/neu fluorescent in situ (FISH) and chromogenic in situ hybridization (CISH) for molecular diagnosis and optimized treatment of breast cancer
5. 長庚醫院 CMRPG260531 (2007) Co-investigator (Principal Investigator: 李寧醫師)
Project title: Establishment of automated immunohistochemistry for clinical diagnosis and research
6. 國科會 96-2314-B-182A-074 (2007) Co-investigator (Principal Investigator: 江支銘醫師)
Project title: Systemic molecular genetic analysis of patients with hereditary hamatomatous polyposis syndrome or hyperplastic polyposis
7. 長庚醫院 CMRPG270221 (2008) Co-Investigator (Principal Investigator: 陳志華醫師)
Project title: 組織銀行成立計劃
8. 長庚醫院 CMRPG270361 (2008) Principal Investigator
Project title: Retrospective analyses of gene amplification and protein overexpression of estrogen receptor- α and its clinical significance in invasive carcinoma of breast
9. 中央研究院AS-97-TP-B06 (2008-2011) Co-investigator (Principal Investigator: 吳金冽研究員)
Project Title: Functional studies of molecular mechanism of growth factor signaling pathways involved in hepatocellular carcinoma formation and liver development of zebrafish
10. 國科會 98-2314-B-182A-045- (2009) Co-investigator (Principal Investigator: 江支銘醫師)
Project title: 建立台灣醫學中心遺傳性結大腸直腸腫瘤及息肉症之基因檢測及諮詢門診
11. 長庚醫院 CMRPG280011 (2009) Co-Investigator (Principal Investigator: 陳志華醫師)
Project title: 組織銀行維持計劃-第二年

12. 長庚醫院 CMRPG290071 (2010) Principal Investigator.
Project title: 回溯性研究拓撲異構 II-alpha (TOP2A)及人類表皮生長因子受體 2 (HER2) 是否可以作為乳癌的蔥環類藥物治療的預後及藥性反應的生物標誌
13. 長庚醫院 CMRPG2A0221 (2011) Principal Investigator.
LCM 整合型計劃：子計劃二 第一年 回溯性及前瞻性研究人類表生長因子訊息傳導途徑成員是否可成為預測 Erbitux (Cetuximab)在治療轉移大腸癌的分標記
14. 長庚醫院 CMRPG2A0222 (2012) Principal Investigator.
LCM 整合型計劃：子計劃二第二年回溯性及前瞻性研究人類表生長因子訊息傳導途徑成員是否可成為預測 Erbitux (Cetuximab)在治療轉移大腸癌的分標記
15. 長庚醫院 CMRPG2A0223 (2013) Principal Investigator.
LCM 整合型計劃：子計劃二第三年回溯性及前瞻性研究人類表生長因子訊息傳導途徑成員是否可成為預測 Erbitux (Cetuximab)在治療轉移大腸癌的分標記
16. 長庚醫院 CMRPG2C0071 (2013) Principal Investigator.
第一年：回溯性研究 *ESR1* 基因擴增及 alpha-雌激素受體(ER α)蛋白質過量表達在乳癌的病理變化及其對臨床預後和賀爾蒙藥物治療反應的影響
17. 長庚醫院 CMRPG2C0072 (2014) Principal Investigator.
第二年：回溯性研究 *ESR1* 基因擴增及 alpha-雌激素受體(ER α)蛋白質過量表達在乳癌的病理變化及其對臨床預後和賀爾蒙藥物治療反應的影響