

1. 以擴展範圍的 16 排多切面電腦斷層掃描及氟 18 去氧葡萄糖正子掃描來評估口腔鱗狀上皮癌。 NSC94-2314-B-182A-109, 2005/8/1~2006/7/31
2. Identification of potential biomarkers for NPC based on the preliminary results of cDNA microarray – from a global genomic viewpoint. CMRPG360211, CMRPG360212, and CMRPG360213, 2007/1/1~2009/12/31
3. Identification of potential roles of proteases and protease inhibitors in the local invasion and distant metastasis of NPC cells based on the preliminary results of cDNA microarrays. NMRPG366211, NMRPG366212, and NMRPG366213, (NSC96-2314-B-182A-109-MY3), 2007/8/1~2010/7/31
4. 整合型 Integrity study of epidemiology and translational research of head neck cancer: 頭頸癌之流行性 CMRPG160341, CMRPG160342, and CMRPG160343, 2007/10/1~2010/9/30
5. 整合型 Integrity study of epidemiology and translational research of head neck cancer 子計畫三:以蛋白(I, II,III). CMRPG360841, CMRPG360842, and CMRPG360843, 2007/10/1~2010/9/30
6. Analysis of esterified F- and D/E-ring isoprostanes and neuroprostanes, and lipid-soluble antioxidants in brain stem tissues from rats following experimental subarachnoid hemorrhage. NMRPG170552, and NMRPG170553 (NSC97-2320-B-182-012-MY3), 2008/8/1~2011/7/31
7. 頭頸癌中，細胞伴隨分子(molecular chaperon)對放射治療抵抗性之生物資訊及臨床表徵之綜合研究 (長清計劃) CMRPG390421, 2010/01/01~2010/12/31
8. 幹細胞標記在肢端型惡性黑色素瘤的表現及其與腫瘤轉移和臨床結果的關係 CMRPG290351, 2010/07/01~2011/06/30
9. Evaluation of the potential of microRNAs in circulation as novel biomarkers of oral cancer. (評估血液中微小 RNA 作為口腔癌新穎生物標誌之可能性) NMRPG396091, NMRPG396092, and NMRPG396093 (NSC99-2314-B-182A-034-MY3), 2010/8/1~2013/7/31
10. 結合生物標誌和分子影像預估 M0 鼻咽癌病人是否有潛在遠端轉移病灶。(NSC 101-2314-B-182A-079-), 2012/08/01~ 2014/7/31
11. 探討核仁磷酸蛋白 B23 對於雌激素接受器 ER α 的調控及其生理意義. NMRPG3C0301 (NSC 102-2320-B-182A-013-), 2013/08/01~ 2014/7/31
12. Correlation among circulating tumor cells in Human Papillomavirus-positive oropharyngeal cancer patients and clinical outcomes. (人類乳突病毒陽性之口咽癌患者之周邊循環腫瘤細胞偵測、分離與臨床關聯性研究) NMRPD1E1011, NMRPD1E1012, and NMRPD1E1013 (MOST 104-2314-B-182 -031 -MY3), 2015/08/01~2018/07/31
13. The feasibility of circulating tumor cells isolation for transcriptomes and genome-wide associated analysis in postsurgically high-risk oral cavity cancer patients and its clinical significance. (高風險口腔癌患者術後周邊循環腫瘤細胞偵測、分離與表現基因體及全基因體分析之可行性與臨床關聯性研究) NMRPG3E6141, NMRPG3E6142, and NMRPG3E6143 (MOST 104-2314-B-182A-073 -MY3), 2015/08/01~2018/07/31
14. Systemic approach to discover radio-resistant biomarkers and develop a radio-sensitizing platform for head-neck cancer. (以系統性研究方式，來開發頭頸癌放療抗性之分子標誌與放療增敏劑平台)

NMRPG3E6171, NMRPG3E6172, and NMRPG3E6173 (MOST 104-2314-B-182A-088 -MY3),
2015/08/01~2018/07/31

15. Exonic mutation signature of head-neck cancer: integrative analyses of transcriptomic and genomic profiles by microarray and next generation sequencing techniques. (結合轉錄體與基因體之研究，來尋找與頭頸癌相關之表達子突變特徵) NMRPD1E0661, NMRPD1E0662, and NMRPD1E0663 (MOST 104-2320-B-182 -023 -MY3), 2015/08/01~2018/07/31
16. To investigate the mechanism and the physiological significance of drug therapy in endometrial cancer. (探討子宮內膜癌之藥物治療的調控與生理意義) NMRPG3F0081 (MOST 105-2320-B-182A-005 -), 2016/08/01~2017/07/31