• 計畫中文名稱	天然及人工栽培樟芝之降血脂功能評估		
• 計畫英文名稱	Studies on the Hypolipidemic Effect of Antrodia camphorata		
• 系統編號	PG9311-0689	• 研究性質	應用研究
• 計畫編號	93 農科-5.1.3-糧-Z3(4)	• 研究方式	補助(研究/辦理)
• 主管機關	行政院農業委員會	• 研究期間	9309 ~ 9312
• 執行機構	臺北醫學大學醫事技術學系		
• 年度	93 年	• 研究經費	700 千元
• 研究領域	園藝, 藥學		
• 研究人員	梁有志		
• 中文關鍵字	樟芝		
• 英文關鍵字	Antrodia camphorata		
• 中文摘要	利用細胞株來評估天然及人工栽培(固態或液態)樟芝降低脂質合成之可能性：完成野生樟芝、固態栽培樟芝、液態培養樟芝改善(或保健)降血脂之科學實驗並做一未來人體試驗之 Pre-data。此外也說明野生樟芝、固態栽培樟芝、液態培養樟芝 改善(或保健)血液降血脂之機轉。		
• 英文摘要	Antrodia camphorata (A. camphorata) is a kind of fungus and parasite on the inner heartwood wall of Cinnamonum kanehirai in wilderness. It is a Taiwan-specific and known traditional Chinese medicine, and has been used to treatment of diarrhea, hypertension, itchy skin, and liver cancer. It also exhibits several biological activities such as antioxidative and hepatoprotective activities. To gain large amount of A. camphorata, several culture technologies have been developed, including solid-type culture and liquid-type culture. However, different culture conditions affect the components of functional chemicals in A. camphorata. In this plan, first we want to investigate the possibility of A. camphorata on the hypolipidemic activity by cell-base experiment. Second, we want to compare the hypolipidemic effect of solid-type culture, liquid-type culture, and wildness A. camphorata. Future studies, we would like to examine the hypolipidemic effect by animal in the next year.		