

朝陽科技大學 092學年度第1學期教學大綱
Special Topics of Bioindustry 生物技術產業特論

當期課號	7508	Course Number	7508
授課教師	蔡新聲	Instructor	TSAY,HSIN SHENG
中文課名	生物技術產業特論	Course Name	Special Topics of Bioindustry
開課單位	生物技術研究所碩士班一A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標		Objectives	
教材	講演	Teaching Materials	
成績評量方式		Grading	
教師網頁	-		
教學內容	<p>無特定病原種曲在現代農業上之重要性與應用實例介紹 水稻特殊突變庫之建立及其在後基因體時代之應用潛力 台灣農業生物技術之發展與應用 癌症與基因治 真菌類免疫調節蛋白 基轉植物之安全性評估 微生物農藥概論 生技產品效能及安全評估技術概論 免疫學在生物技術產業之應用 基因重組技術在醫藥生物技術產業的應用 值得產業發展的農業生物技術 台灣中草藥植物之組織培養研究與開發應用 乳酸與乳酸菌產業</p>	Syllabus	<p>The importance and application of specific pathogen free seedling propagation to modern agriculture. The development of a novel mutation pool of rice TNG67 variety and its application in the post-genomic-era. The Development and application of Agricultural Biotechnology in Taiwan. Cancer and gene therapy. Fungal Immunomodulatory protein. Bio-safety risk assessment of transgenic plants A brief introduction to microbial pesticides. The management of function and safety evaluation of bioproduct The application of immunology in Bioindustry. The applications of recombinant DNA techniques in the medical biotechnology industry Commercial Application of Agriculture Biotechnology Studies on Tissue Culture of Chinese Medicinal plant Resources in Taiwan and Their Sustainable Utilization Lactic Acid and Lactic Acid Bacteria Industries</p>

尊重智慧財產權，請勿非法影印。