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開課班級：碩植醫一A

授課老師：曾昱

學分數：2

課程大綱：

This course aims to provide an advanced understanding of the latest research in plant resistance to phytopathogens. This course will especially focus on new advances that change or otherwise enhance our understanding of understanding of disease resistance traits in plants, the underlying molecular mechanisms and the genes involved with such traits, and the tools and techniques used to identify, study, and harness such traits.

outline:

This course is designed to equip budding plant pathologists, especially graduate students, with a more in-depth understanding on the plant resistance mechanisms to phytopathogens. This course will especially focus on new advances that change or otherwise enhance our understanding of the nature and mechanisms of plant immunity.

教學型態：

課堂教學+小組討論

成績考核方式：

平時成績:20%

期中考:15%

期末考:15%

其它:Presentation: 50%%

本科目教學目標：

1. Understand the important topics of plant resistance mechanisms to phytopathogens. 2. Understand major advances and demonstrate competency in advanced research and methodologies relating to plant immunity. 3. Ability to conduct in-depth discussion and presentation on topics in plant immunity.

參考書目：



課程進度表：

週次	起訖月日	授課單元(內容)	備註
第1週	9.11~9.18	Course Introduction	8日正式上課。8~12日課程加退選，轉學(系)生、復學生及延修生選課，雙主修、輔系申請，12日申辦抵免學分截止日
第2週	9.18~9.25	Comprehension and Presentation of Research Articles	
第3週	9.25~10.02	Advancement in research of plant resistance mechanism: Research article I	28日(日)孔子誕辰紀念日/教師節(放假),29日(一)補假
第4週	10.02~10.09	Advancement in research of plant resistance mechanism: Research article II	29日成績優異提前畢業者提出申請截止日
第5週	10.09~10.16	Advancement in research of plant resistance mechanism: Research article III	6日(一)中秋節(放假)，10日(五)國慶日(放假)
第6週	10.16~10.23	Student Article Presentation	14日學生宿舍安全輔導暨複合式防災疏散演練。18日多益測驗
第7週	10.23~10.30	Student Article Presentation	24日(五)補假，25日(六)光復暨古寧頭大捷日(放假)。
第8週	10.30~11.06	Student Article Presentation	30日校課程委員會
第9週	11.06~11.13	Midterm	3~9日期中考試
第10週	11.13~11.20	Student Article Presentation	13日教務會議,16日教師期中成績上網登錄截止日
第11週	11.20~11.27	Student Article Presentation	
第12週	11.27~12.04	Student Article Presentation	24~28體育運動週。24日校園路跑。27日運動大會夜間開幕，28日運動大會活動，29日101週年校慶活動日，照常上班
第13週	12.04~12.11	Student Article Presentation	
第14週	12.11~12.18	Student Article Presentation	12日申請停修課程截止日
第15週	12.18~12.25	Student Article Presentation	
第16週	12.25~1.01	Student Article Presentation	22日校務會議。25日行憲紀念日(放假)
第17週	1.01~1.08	Student Article Presentation	1日(四)開國紀念日(放假)
第18週	1.08~1.15	Final Exam	5~11日期末考試，10~11日學生退宿