# 國立臺灣大學植物病理與微生物學系

# 九十八學年度第一學期專題討論

## (I) 碩博士班研究生論文計畫發表會議程

| 日期與地點 | 演講者 | 題　目 | 編號 |
|---|---|---|---|
| **9/17 (9:10-12:00) 一號館 R308 教室** | 李勇賜 (9:10-9:35) | 感染火龍果之 potexvirus 之選殖與應用 | A-1 (p1) |
| | 洪煦華 (9:35-10:00) | 柑橘破葉病毒的感染性選殖株的構築 | A-2 (p3) |
| | 王崇名 (10:00-10:25) | Integrin-dependent FAK activation and its signaling--Akt activation | A-3 (p5) |
| | **休息 20 分鐘** | | |
| | 姚玟玲 (10:45-11:10) | FAK於神經發育中所扮演的角色研究 | A-4 (p7) |
| | 曹哲維 (11:10-11:35) | 人工栽培介質對室內植物淨污能力影響之研究 | A-5 (p8) |
| | 陳均岳 (11:35-12:00) | 蔥韭銹病非農藥防治及流行病學之研究 | A-6 (p10) |

| 日期與地點 | 演講者 | 題　目 | 編號 |
|---|---|---|---|
| **9/19 (9:00-16:35) 普通教室 R102 教室** | 陳泠伶 (9:00-9:25) | The Study and Application of Plasmid pPLY of Periwinkle Leaf Yellowing Phytoplasma | B-1 (p13) |
| | 蘇意婷 (9:25-9:50) | 日日春被植物菌質體感染後花色花器發育相關基因之研究 | B-2 (p15) |
| | 馮雅智 (9:50-10:15) | Evolution and further characterization of HLBB strains in biological and molecular natures | B-3 (p17) |
| | **休息 20 分鐘** | | |
| | 林覲蘋 (10:35-11:00) | Cloning and characterization of zebrafish FAK genes, zFAK1a and zFAK1b, and their roles in zebrafish development | B-4 (p19) |
| | 姚雋儀 (11:00-11:25) | 菸草微綠嵌紋病毒載體之構築與研究 | B-5 (p21) |
| | 張馨元 (11:25-11:50) | Detection and characterization of methylation in *Banana bunchy top virus* | B-6 (p23) |
| | 黃偲佳 (11:50-12:15) | 發展偵測香蕉條紋病毒六個品系之快速檢測方法與臺灣香蕉條紋病之調查 | B-7 (p25) |
| | **午餐時間** | | |
| | 吳昭蓉 (13:30-13:55) | 煙草嵌紋病毒對寄主阿拉伯芥基因 *pap85* 調控機制之探討 | C-1 (p27) |
| | 楊瑞春 (13:55-14:20) | 木瓜輪點病毒木瓜型感染性選殖株之構築及病徵決定因子之分析 | C-2 (p29) |
| | 林之煦 (14:20-14:45) | Characterizing the involvement and mechanism of the small RNA fragments of CEVd in pathogenesis | C-3 (p31) |
| | 甘佳正 (14:45-15:10) | Identification and characterization of a Nep1-like protein in anthracnose fungus *Colletotrichum gloeosporioides* | C-4 (p33) |
| | **休息 10 分鐘** | | |
| | 王國馨 (15:20-15:45) | Study of the mechanism underlying phosphonate-induced plant resistance | C-5 (p35) |
| | 蔡昇宏 (15:45-16:10) | An assessment on the potential of using fungi as a biocontrol against *Aulacaspis yasumatsui* Takagi | C-6 (p37) |
| | 林斌 (16:10-16:35) | 基轉作物黑色素生合成基因以提昇其逆境抗性 | C-7 (p38) |
| | **總討論（主持人：陳昭瑩教授）** | | |

# (II) 新生專題討論議程 (一號館 R308 教室)

| 日期 | 演講者 | 題　目 |
|---|---|---|
| 9/24 | 系務會議 | |
| 10/1 | 劉育倫 | *Fusarium oxysporum* hijacks COI1-mediated jasmonate signaling to promote disease development in Arabidopsis |
| | 賴瑞亞 | Molecular characterization and enzymatic activity of laccases in two *Pleurotus* spp. with different pathogenic behaviour |
| 10/8 | 莊健新 | The human fungal pathogen *Cryptococcus* can complete its sexual cycle during a athogenic association with plants |
| | 林品均 | Proteolysis of a negative regulator of innate immunity is dependent on resistance genes in tomato and *Nicotiana benthamiana* and induced by multiple bacterial effectors |
| 10/15 | 王丹彤 | A genomic approach to identify regulatory nodes in the transcriptional network of systemic acquired resistance in plants |
| | 胡珮雯 | ETHYLENE INSENSITIVE3 and ETHYLENE INSENSITIVE3-LIKE1 repress SALICYLIC ACID INDUCTION DEFICIENT2 expression to negatively regulate plant innate immunity in Arabidopsis |
| 10/22 | 董俐萱 | Insights into the defense-related events occurring in plant cells following perception of surfactin-type lipopeptide from *Bacillus subtilis* |
| | 易筱蕙 | The synthetic elicitor 3,5-dichloroanthranilic acid induces *NPR1*-dependent and *NPR1*-independent mechanisms of disease resistance in Arabidopsis |
| 10/29 | 曾欣怡 | A unique virulence factor for proliferation and dwarfism in plants identified from a phytopathogenic bacterium |
| | 邱獻廣 | Pathogenicity of *Pseudomonas syringae* pv. *tomato* on tomato seedlings: phenotypic and gene expression analyses of the virulence function of coronatine |
| 11/5 | 溫書假 | |
| 11/12 | 賴名威 | Nuclear pore complex component MOS7/Nup88 is required for innate immunity and nuclear accumulation of defense regulators in Arabidopsis |
| | 劉漢麟 | Activation of the salicylic acid signaling pathway enhances *Clover yellow vein virus* virulence in susceptible pea cultivars |

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| 11/19 | 張元 | Pathotypes, distribution, and metalaxyl sensitivity of *Phytophthora sojae* from North Dakota |
| | 連顗婷 | Root-secreted malic acid recruits beneficial soil bacteria |
| 11/26 | 鄒昀廷 | Proteasome-mediated turnover of the transcription coactivator NPR1 plays dual roles in regulating plant immunity |
| | 張逸軒 | Arabidopsis actin-depolymerizing factor AtADF4 mediates defense signal transduction triggered by the *Pseudomonas syringae* effector AvrPphB1 |
| 12/3 | 陳思羽 | Infection with *Rhizoctonia solani* induces defense genes and systemic resistance in potato sprouts grown without light |
| | 王捷 | Polygalacturonase, pectate lyase and pectin methylesterase activity in pathogenic strains of *Phytophthora capsici* incubated under different conditions |
| 12/10 | 黃郁晴 | Ultrastructural studies of *Phellinus sulphurascens* infection of Douglas-fir roots and immunolocalization of host pathogenesis-related proteins |
| | 周子禾 | Interaction transcriptome analysis identifies *Magnaporthe oryzae* BAS1-4 as biotrophy-associated secreted proteins in rice blast disease |
| 12/17 | 曾安慈 | The relationship between induced systemic resistance and the glucose-specific II ABC component of *Bacillus cereus* |
| | 倪蕙芳 | Nitric oxide as a partner of reactive oxygen species participates in disease resistance to necrotrophic pathogen *Botrytis cinerea* in *Nicotiana benthamiana* |
| 12/24 | 張佑偉 | Early responses of tobacco suspension cells to rhizobacterial elicitors of induced systemic resistance |
| | 江維翰 | Glucosinolate, auxin, and clubroot--- are they buddies? |
| 12/31 | 林雋軼 | A filamentous hemagglutinin-like protein of *Xanthomonas axonopodis* pv. *citri*, the phytopathogen responsible for citrus canker, is involved in bacterial virulence |
| | 孫偉倫 | Genome organization and evolution of the *Avr-Pita* avirulence gene family in the *Magnaporthe grisea* Species Complex |
| 1/7 | 戴佑玲 | The *Colletotrichum orbiculare ssd1* mutant enhances *Nicotiana benthamiana* basal resistance by activating a mitogen-activated protein kinase pathway |