



國立中興大學  
NATIONAL  
CHUNG HSING UNIVERSITY



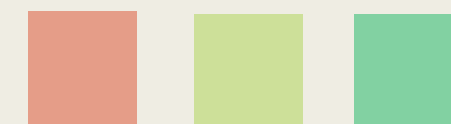
# International Master Program in **Plant** and **Microbial** Biology

植物暨微生物國際碩士學位學程



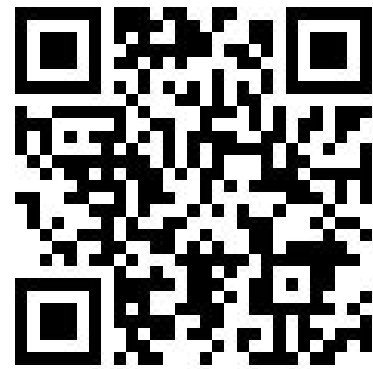
Email: [impppmb@nchu.edu.tw](mailto:impppmb@nchu.edu.tw)

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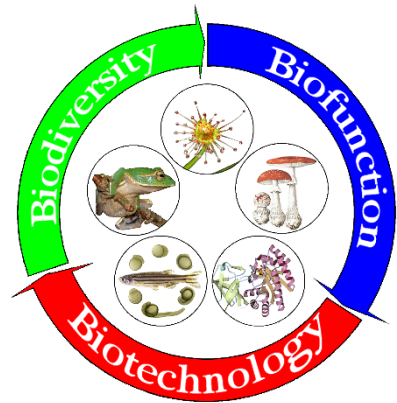
# Multidiscipline Faculty Members

## NCHU and Academia Sinica



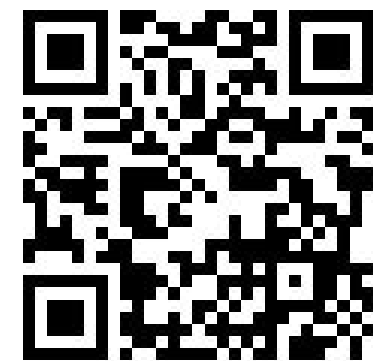
Department of Plant Pathology,  
NCHU

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Department of Life Sciences,  
NCHU

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Institute of Plant and Microbial Biology,  
Academia Sinica



## **Research Areas**

- **Plant Physiology**
- **Microbial Genomics**
- **Plant Pathology**
- **Plant Ecology and Evolution**





# Department of Plant Pathology, NCHU

## Research Highlight



Professor Names	Research area	Websites
Chang, Pi-Fang Linda (張碧芳) Professor	Molecular plant stress biology, Plant biotechnology, Molecular biology of plant-pathogen Interactions	<a href="https://www.pp.nchu.edu.tw/?page_id=1846">https://www.pp.nchu.edu.tw/?page_id=1846</a>
Chen, Chi-Yu (陳啟予) Professor	Fungal diversity, Ecology of fungi, and taxonomy of ascomycetes.	<a href="https://www.pp.nchu.edu.tw/?page_id=1863">https://www.pp.nchu.edu.tw/?page_id=1863</a>
Chen, Li-Hung (陳禮弘) Assistant professor	Plant-fungal interactions; Plant immunology; Agricultural biotechnology	<a href="https://www.pp.nchu.edu.tw/?page_id=3245">https://www.pp.nchu.edu.tw/?page_id=3245</a>
Chen, Pei-Chen (陳珮臻) Professor	Genetic inheritance of plant parasitic nematodes and their application on disease management	<a href="https://www.pp.nchu.edu.tw/?page_id=1858">https://www.pp.nchu.edu.tw/?page_id=1858</a>
Chu, Chia-Ching (朱家慶) Associate professor	Microbial ecology, Plant pathology, and insect-bacterial associations.	<a href="https://www.pp.nchu.edu.tw/?page_id=1853">https://www.pp.nchu.edu.tw/?page_id=1853</a>
Chung, Kuang Ren (鍾光仁) Professor	Disease resistance, Fungal pathogenicity, Plant-fungal interactions, Fungal toxins; Plant hormones, Abscission, Secondary metabolites in fungi, Signal transductions in fungi	<a href="https://www.pp.nchu.edu.tw/?page_id=1826">https://www.pp.nchu.edu.tw/?page_id=1826</a>
Chung, Wen-Hsin (鍾文鑫) Professor	Plant parasitological mycology, Fungal molecular diagnosis detection of fungicides resistance	<a href="https://www.pp.nchu.edu.tw/?page_id=1851">https://www.pp.nchu.edu.tw/?page_id=1851</a>
Deng, Wen-Ling (鄧文玲) Professor	Bacterial genetics, Molecular plant-microbe interactions	<a href="https://www.pp.nchu.edu.tw/?page_id=1849">https://www.pp.nchu.edu.tw/?page_id=1849</a>
Chang, Ho-Hsiung (張賀雄) Assistant Professor	Molecular plant-virus Interactions; Application of plant antiviral biotechnology; Diagnosis and identification of plant virus diseases	<a href="https://www.pp.nchu.edu.tw/?page_id=5374&amp;preview=true">https://www.pp.nchu.edu.tw/?page_id=5374&amp;preview=true</a>
Hong, Cheng-Fang (洪爭坊) Assistant professor	Plant disease epidemiology and management, Fungal pathogen population genetics	<a href="https://www.pp.nchu.edu.tw/?page_id=3243">https://www.pp.nchu.edu.tw/?page_id=3243</a>

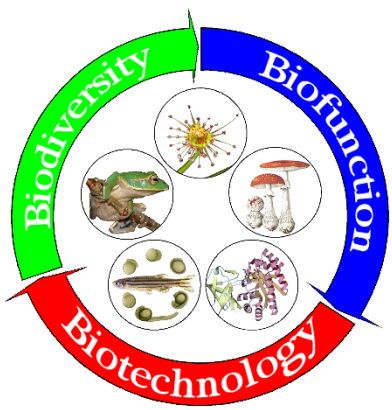


# Department of Plant Pathology, NCHU

## Research Highlight



Professor Names	Research area	Websites
Huang, Tzu-Pi (黃姿碧) Professor	Bacteria and fungus Genetics, Molecular biology, Microbial cell messaging.	<a href="https://www.pp.nchu.edu.tw/?page_id=1850">https://www.pp.nchu.edu.tw/?page_id=1850</a>
Jan, Fuh-Jyh (詹富智) Professor	Plant virology, Diagnosis of plant virus diseases, Plant biotechnology	<a href="https://www.pp.nchu.edu.tw/?page_id=1856">https://www.pp.nchu.edu.tw/?page_id=1856</a>
Lee, Miin-Huey (李敏惠) Professor	Fungal genetics and molecular biology; Plant-microbe interactions; Biological control of fungal pathogens	<a href="https://www.pp.nchu.edu.tw/?page_id=1844">https://www.pp.nchu.edu.tw/?page_id=1844</a>
Wang, Chih-Li (王智立) Associate Professor	Fungal cell biology, Fungal disease	<a href="https://www.pp.nchu.edu.tw/?page_id=1852">https://www.pp.nchu.edu.tw/?page_id=1852</a>



# Department of Life Sciences, NCHU

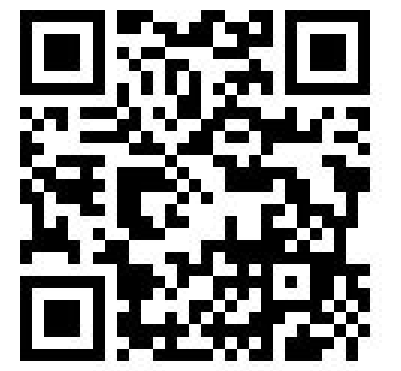
## Research Highlight



Professor Names	Research area	Websites
Chien, Lee-Feng (簡麗鳳) Associate Professor	Control analysis of energy metabolism	<a href="https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=1&amp;id=80">https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=1&amp;id=80</a>
Huang, Chieh-Chen (黃介辰) Distinguished Professor	Bioremediation, Horizontal gene transfer, Microbiology, Synthetic biology	<a href="https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=84">https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=84</a>
Huang, Meng-Yuan (黃盟元) Associate professor	Plant ecophysiology	<a href="https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=70">https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=70</a>
Hwang, Hau-Hsuan (黃皓瑄) Professor	Plant endophytic bacteria, Plant stress biology, Agrobacterium biology, Plant transformation	<a href="https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=81">https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=81</a>
Lin, Hsing-Juh (林幸助) Distinguished Professor	Plant ecology, System ecology, Wetland ecology, Estuarine ecology, Ecosystem model, Carbon sequestration	<a href="https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=67">https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=67</a>
Lin, Jeng-Shane (林振祥) Professor	Small RNA, Plant stress biology	<a href="https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=82">https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=82</a>
Lin, Yu-Ju (林玉儒) Assistant professor	Microbiology, Synthetic biology, Proteomics	<a href="https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=115">https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=115</a>
Sheue, Chiou-Rong (許秋容) Professor	Plant anatomy, Plant taxonomy	<a href="https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=69">https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=69</a>
Tseng, Yu-Hsin (曾好馨) Assistant Professor	Plant evolution, Plant reproductive biology, Genomics, Plant systematics, Population genomics, Biogeography	<a href="https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=74">https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=74</a>
Wang, Long-Chi (王隆祺) Associate professor	Plant hormone, Ethylene	<a href="https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=113">https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=113</a>
Yen, Hungchen Emilie (顏宏真) Professor	Salt tolerance mechanism in higher plants	<a href="https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=76">https://lifes.nchu.edu.tw/web/faculty/detail.php?lang=en&amp;cid=8&amp;id=76</a>



# Institute of Plant and Microbial Biology, Academia Sinica



## Research Highlight

Professor Names	Research area	Websites
Chiou, Jian-Geng (邱潤庚) Assistant Research Fellow	Developmental patterning in microbiology, Cell biology, Microbiology, Developmental biology, Biophysics, Mathematical modeling	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/chiou-jian-geng">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/chiou-jian-geng</a>
Ho, Chin-Min (何金敏) Associate Research Fellow	Inter-organelle communication and cell division	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/ho-chin-min">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/ho-chin-min</a>
Ku, Chuan (顧銓) Associate Research Fellow	Eukaryote evolution; algae; protists; giant viruses; marine microbiology; environmental microbial interactions; omics; single-cell biology	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/ku-chuan">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/ku-chuan</a>
Kuo, Chih-Horng (郭志鴻) Research Fellow	Evolutionary and functional genomics of symbiotic bacteria	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/kuo-chih-horng">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/kuo-chih-horng</a>
Lai, Erh-Min (賴爾珉) Research Fellow	Molecular mechanisms of plant-pathogen interactions	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/lai-erh-min">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/lai-erh-min</a>
Ma, Ka-Wai (馬家威) Assistant Research Fellow	Plant innate immunity, molecular mechanisms regulating plant-microbiota homeostasis	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/ma-ka-wai">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/ma-ka-wai</a>
Ma, Lay-Sun (馬麗珊) Associate Research Fellow	Molecular mechanisms of plant-fungi interactions	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/ma-lay-sun">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/ma-lay-sun</a>
Teh, Ooi-Kock (鄭惠國) Assistant Research Fellow	Bryophytes, cell biology, developmental biology, <i>Physcomitrium patens</i>	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/teh-ooi-kock">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/teh-ooi-kock</a>
Tu, Shih-Long (涂世隆) Research Fellow	Molecular mechanism of light sensing and pre-mRNA splicing in plants	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/tu-shih-long">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/tu-shih-long</a>
Verslues, Paul E. (韋保羅) Research Fellow	Drought related signaling and metabolism	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/verslues-paul-e">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/verslues-paul-e</a>
Wang, Chung-Ju (王中茹) Associate Research Fellow	Studies of plant meiosis and anther development	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/wang-chung-ju">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/wang-chung-ju</a>





# Institute of Plant and Microbial Biology, Academia Sinica

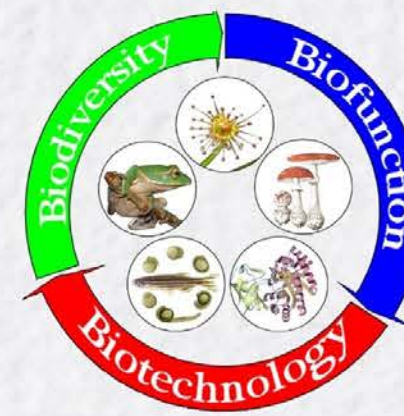


## Research Highlight

Professor Names	Research area	Websites
Wu, Chih-Hang (吳志航) Associate Research Fellow	Plant immunity; Molecular plant-microbe Interactions	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/wu-chih-hang">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/wu-chih-hang</a>
Wu, Shu-Hsing (吳素幸) Distinguished Research Fellow	Light-mediated gene expression and signal transduction in <i>Arabidopsis</i>	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/wu-shu-hsing">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/wu-shu-hsing</a>
Yu, Tien-Shin (余天心) Research Fellow	Function and molecular mechanism of RNA long-distance trafficking	<a href="https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/yu-tien-shin">https://ipmb.sinica.edu.tw/en/people/ipmb_researchers/yu-tien-shin</a>



# Admission for International Students



國立中興大學  
NATIONAL  
CHUNG HSING UNIVERSITY

National Chung Hsing University

## International Master Program in **Plant and Microbial** Biology

- Application Duration:  
**2024/12/15~2025/3/20 (deadline extended)**
- Document Review (in English)
- Admission Announcement: **2025/5/31 (changed)**
- Semester Starts at September 2025

ENGLISH PROGRAM  
INTERNATIONAL  
STUDENT

**ENROLLMENT FOR FALL 2025**

Contact

Email: [imppmb@nchu.edu.tw](mailto:imppmb@nchu.edu.tw)

Tel: +886-4-22840555 ext 31

Application  
Procedure

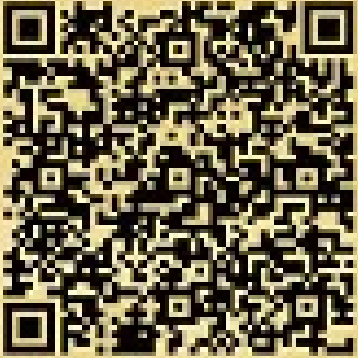


IMPPMB  
Website





# NCHU Scholarship

 <b>NCHU University Scholarships</b>	Degree	Tuition & Credit Fee Waived	Monthly stipend			NOTE
			Undergraduate**	Master	PhD	
	NCHU International student scholarship	*Full amount or Partially	ca. 6,000 to 8,000/m			*Students may receive tuition waived and monthly stipends either jointly or separately. **Undergraduate: Full English taught program only.
	NCHU Elite Scholarship	Partially			ca. 25,000/m	
	OIA International student's TA ship Scholarship			ca. 5,000/m	5,000/m	