

IPMB NEWSLETTER

Institute of Plant and Microbial Biology, Academia Sinica

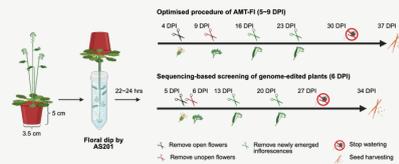


A Note from the Director 所長的話

In this issue of the IPMB Newsletter, we are pleased to share exciting news, recent research highlights, introduction to members of our community, along with reflections on activities across the institute. We are also pleased to launch two new sections: “**Administrative Staff Introduction**” where we introduce the colleagues whose work keeps the institute running smoothly, and “**Unboxing the Core Lab**” which offers a closer look at the facilities supporting research at IPMB. In addition, you will also find snapshots of recent gatherings that bring our community together. I hope this newsletter continues to bring our community closer together and reminds us of the shared efforts that make IPMB such a dynamic place for research and discovery.

Research Highlights 本期研究亮點

1 [Erh-Min Lai/Chih-Horng Kuo/Chih-Hang Wu] Floral Stage Selection and Immune Evasion Enhance *Agrobacterium*-Mediated Transformation and Genome Editing

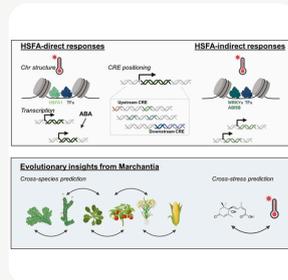


Agrobacterium-mediated transformation via floral inoculation (AMT-FI) enables tissue-culture-free genome engineering in *Arabidopsis* but is constrained by developmental timing and plant immunity. Using a dual reporter system,

this study identifies flowers opening at 6 days post inoculation as the optimal window for transformation. Evasion of EFR-mediated immunity through EF-Tu-modified *Agrobacterium* enhances genome editing efficiency and enables recovery of edited T1 plants without antibiotic selection, providing an improved platform for plant genome engineering.

Liu, Huang et al., *New Phytologist* **249(4)**:2125–2139 (2025). DOI: 10.1111/nph.70795.

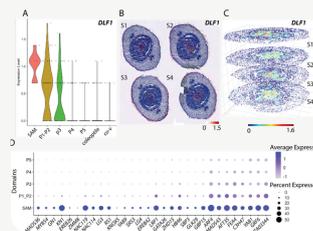
2 [Ting-Ying Wu] How HSF1 and Chromatin Dynamics Turn On Plants' Heat Survival System?



The transcription factor HSF1 plays a central role in plant heat stress responses by controlling chromatin accessibility and activating heat-responsive genes. Using both a basal land plant and a flowering plant, the study shows that HSF1 determines which DNA regions become accessible during heat stress. This mechanism is highly conserved and is also found in animals, including humans. The study also finds that ABA can influence heat-responsive genes without changing DNA structure, and uses machine learning to predict stress responses across species.

Yen et al., *Cell Reports* **44(12)**:116714 (2025). DOI: 10.1016/j.celrep.

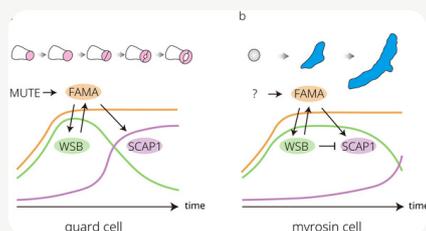
3 [Chin-Min Ho/Shu-Hsing Wu] Serial Spatial Transcriptomes Reveal Regulatory Transitions in Maize Leaf Development



Serial spatial transcriptomics of the maize shoot apical meristem and developing leaves enabled reconstruction of three-dimensional gene expression atlases and developmental trajectories from stem-cell populations to mature tissues. Integrated spatial-temporal analyses identified key regulators of meristem maintenance, primordium initiation, vascular differentiation, and tissue heterogeneity. CRISPR/Cas9-generated GRF mutants in *Setaria viridis* further supported a regulatory role of GRFs in meristem function and early leaf development.

Wu et al., *Plant Biotechnology Journal* (2026). DOI: 10.1111/pbi.70515.

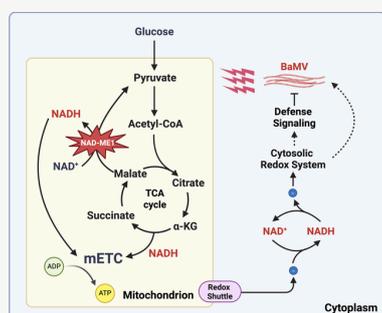
4 [Makoto Shirakawa] Divergent routes to specialization: Guard cells, myrosin cells, and beyond



This review examines how plants generate specialized cell types by reusing conserved transcription factors rather than creating new regulatory systems. It highlights FAMA, which controls guard cell differentiation and has been co-opted to generate myrosin cells. Differences in the timing and persistence of downstream gene activation enable distinct cell fates. Single-cell transcriptomics further reveals unexpected root myrosin cells, illustrating evolutionary rewiring and developmental plasticity.

Horiuchi and Shirakawa, *Current Opinion in Plant Biology* **89**:102853 (2026). DOI: 10.1016/j.pbi.2025.102853.

5 [Na-Sheng Lin] Bamboo mosaic virus-induced metabolic reprogramming engages mitochondrial function to regulate redox homeostasis and defense responses in *Nicotiana benthamiana*



Infection by Bamboo mosaic virus (BaMV) induces extensive metabolic reprogramming in *Nicotiana benthamiana*. Integrated metabolomic, flux, and proteomic analyses revealed enhanced glycolysis and mitochondrial activity mediated by activation of NAD-malic enzyme 1 (NAD-ME1). NAD-ME1 modulates cellular redox homeostasis and immune gene expression. Silencing NAD-ME1 led to increased viral accumulation and impaired defense responses, demonstrating its central function in coordinating mitochondrial metabolism, energy and redox balance, and antiviral immunity.

Hou et al., *BMC Plant Biology* **26**(1):173 (2025). DOI: 10.1186/s12870-025-07996-4.



IPMB Calendar

重要行事曆

MARCH

2026/03/25

Shu-Chen Grace Chen Memorial Lectures: Dr. José R. Dinneny

2026/03/27

Tea Party

APRIL

2026/04/15

Distinguished Lecture: Dr. Yi-Fang Tsay

2026/04/24-27

EMBO Workshop (Evolving together: from genomics to biological interactions)

MAY

2026/05/18-19

2026 Quantitative Microbiology Symposium

JUNE

2026/06/18

IPMB PhD Student Symposium

New Members 新血報到

1 Sofia Magno 蘇雅涵 (Chuan Ku Lab)



Hello, I am Sofia, and I'm currently working as a Research Assistant in IPMB. I graduated from Ewha Woman's University, majoring in Life Sciences and English Language and Literature. Here in Taiwan, my research focuses on the evolution of heterotrophic protists, particularly how their feeding strategies may have influenced their diversification. In my free time, I enjoy hiking and watching basketball.

2 Wen-Han Chin 金文瀚 (Chih-Hang Wu Lab)



Hello everyone, I'm Wen-Han, the new research assistant in Dr. Chih-Hang Wu's lab. I am very happy to join IPMB and participate in plant molecular biology research. Before coming to IPMB, I studied rice breeding and resistance to sheath blight at National Chung Hsing University for my Master's degree.

Now at IPMB, I am working on the mechanisms of the plant NLR immune system. The interactions between crops and pathogens are fascinating to me, so I'm glad to continue studying the plant immune system here. Outside of research, I also enjoy exercising in my leisure time, especially running and working out. I look forward to having a fulfilling time at IPMB with all of you.

3 Chu-Han Tseng 曾楚翰 (Chin-Min Ho Lab)



Hello, my name is Chu Han Tseng. I am now working as a research assistant at Kimmy's lab at A423. I finished my master's degree in Louis's lab and worked on plant and plant competition previously. Recently, I am interested in the pavement cell development and tried to identify the key transcription

factor, which determine the cell fate of it. I plan to apply PhD program abroad and am preparing for it, so I will be really glad that someone kindly give me the advice or information. I love doing the workout in gym and just getting started the interest of raising plant (not Arabidopsis).

4 Jigeesha Mukhopadhyay 佳佳 (Chih-hang Wu Lab)



I am Jigeesha (Kai Kai) from Chih-hang Wu lab. I joined in January and have been working on genomic and transcriptomic data analysis and plant-fungal interactions. My overall experience includes bioinformatics, gene editing, and phylogenetics. Beyond the lab, I love going on hikes and cooking (experimentally!).

5 Anastasia Yusupova 甦空靈 (Jian-Geng Chiou Lab)



My name is Anastasia Yusupova, and I am currently working as a research assistant in the R402 lab at Academia Sinica, where Jian-Geng Chiou serves as principal investigator. I recently completed my Bachelor's degree in Biology at the Freie Universität Berlin and have a strong interest in microbiology and microbial ecology. In the

lab, I focus on biofilm signaling, studying how bacteria communicate within biofilms and how these signals are regulated on a molecular level. Through this work, I hope to better understand the mechanisms underlying collective bacterial behavior and its role in microbial communities.

6 Adrian Magnus Wulfila Kroll 安德烈 (Jian-Geng Chiou Lab)



My name is Adrian, and I am currently working as a research assistant in the lab of Dr. Chiou. Previously, my research focused on neuroscience, particularly the processing of polarized light. I am originally from Germany, where I completed my bachelor's degree before coming to Taiwan. Alongside my background in neuroscience, I

am also interested in microbiological and molecular questions, and I am currently studying how *Bacillus subtilis* cells communicate within a biofilm.

Administrative Staff Introduction 行政團隊介紹

1 Academic Affairs 學術事務 / Pei-Ling Wu 吳佩玲



大家好，很開心能透過這個單元，和大家分享我的工作內容。大家正閱讀的《IPMB Newsletter》是由我負責編輯的，希望能透過這份電子報記錄點滴，讓大家在忙碌的研究與行政工作之間，多一點彼此認識與交流；我也負責「植微科普」網站的文章撰寫與實驗室介紹，並經營植微所的 Facebook 與 X 平台，分享所內好消息。如果各位有值得宣傳的消息，都非常歡迎和我聯繫。此外，我擔任《Botanical Studies》的Managing Editor，處理投稿等相關事務，同時也是本所的智財窗口，協助材料移轉與授權等事項。對我而言，能在研究與溝通之間搭起橋樑，是一件很有意義的事，也期待未來和大家有更多合作與交流。

Hello everyone, I'm happy to briefly introduce my role at IPMB. The *IPMB Newsletter* you are reading is edited by me, and I hope it captures our research highlights and everyday moments, keeping us connected amid our busy work. I also write for the IPMB Popular

Science website, including science articles and member interviews, and manage our Facebook and X platforms to share news and achievements from the institute. If you have updates worth highlighting, I would be glad to hear from you. In addition, I serve as Managing Editor of *Botanical Studies*, and as IPMB's intellectual property contact, assisting with material transfer and licensing matters. Being a bridge between research and communication is truly meaningful to me, and I look forward to continuing to work with all of you.

2 Personnel and Talent Incubation 人事與人才培育 / Chi-Chen Ho 何其真



大家好，我是何其真，加入植微所大約4年，平時負責處理中央研究院高中生人才培育計畫業務，這計畫是以對生命科學有興趣的高中生為對象，期望他們在高中階段探索相關領域後，未來有機會往學術或相關業界發展。平時工作內容涵蓋招生宣傳、公告通知、課程規劃、追蹤在學生進度、邀請課程老師及院士演講、舉辦壁報比賽、追蹤畢業生發展等。工作之餘我的興趣是玩密室逃脫，另外，一年一到兩次的短期旅遊是我的放鬆時間。

Hello everyone, I am Chi-Chen Ho and have been with IPMB for about four years. I am responsible for coordinating the Biological Programs for Selected Senior High School Students in Academia Sinica, which supports high school students interested in life sciences. The program aims to help students explore the field early on and potentially pursue future studies or careers in academia or related industries. My work includes program promotion and recruitment, announcements and communication, course

planning, tracking student progress, inviting instructors and Academicians for lectures, organizing poster competitions, and following up on alumni development. Outside of work, I enjoy playing escape room games, and I usually take one or two short trips each year to relax and recharge.

3 Accounting and Cashier 會計出納 / Shu-Mou Su 蘇淑牟



大家好，我是蘇淑牟，目前負責會計相關業務。日常工作內容包含帳務處理、經費與單據審核、帳目核對、人事費概算報表編製等事項，並協助同仁解答報帳流程相關問題，致力於確保行政作業順暢與制度運作完善。植微所的工作環境良好，同事之間相處融洽。於所內服務已逾二十年，在穩定且和諧的氛圍中，得以長期安心投入本職工作，對此深感珍惜與感恩。平日除專注於工作、秉持審慎負責的態度完成各項任務外，也透過有氧運動維持良好體能；休閒時間喜歡編織與閱讀，藉此調適身心，維持工作與生活之間的平衡。

Hello everyone, I am Shu-Mou Su and am currently responsible for accounting-related affairs at IPMB. My daily work includes financial processing, budget and document review, account reconciliation, preparation of personnel cost estimates, and assisting colleagues with reimbursement procedures. I am committed to ensuring smooth administrative operations and maintaining sound financial practices.

IPMB offers a supportive and harmonious working environment, and I have been grateful to serve here for over twenty years. The stable and collegial atmosphere has allowed me to dedicate myself to my work with peace of mind. Outside of work, I maintain my well-being through aerobic exercise, and in my free time I enjoy knitting and reading, which help me stay balanced both professionally and personally.

4 Comprehensive Affairs 總務採購 / Li-Ling Tsai 蔡麗玲



工作職掌：

1. 線上庫房採購
2. 生物/實驗室安全管理
3. 實驗室材料輸入/輸出申請
4. 公用影印機管理及免稅令申請

大家好，我是蔡麗玲。在工作上，我致力於用細心與專業，為同仁化繁為簡，確保實驗室研究能順暢運作。同時，守護實驗室安全是我最重視的使命，我喜歡用好溝通、有溫度的專業方式，讓安全規範落實在日常之中。工作外，我熱愛拼布，在針線與布料的交織中，練就了耐心與對細節的堅持。在家裡有兩隻愛貓，以及我最寶貝的孫子、孫女，才是我行動力的最大來源！每天跟孩子們玩耍、被貓咪圍繞，就是我最快樂的舒壓時光。我深信，懂得感受生活溫度的人，更能守護好專業的嚴謹。若大家有行政庶務的疑問，或想交流縫紉與貓咪經，都歡迎隨時找我聊聊！

Responsibilities: 1. Online procurement and inventory management; 2. Biosafety and laboratory safety management; 3. Laboratory material import/export applications; 4. Management of shared copiers and tax exemption applications.

Hello everyone, I am Li-Ling Tsai. In my work, I strive to combine attentiveness and professionalism to simplify administrative processes and ensure that laboratory research runs smoothly. Safeguarding laboratory safety is my top priority, and I believe that clear communication and a warm, practical approach help integrate safety regulations into our daily routines. Outside of work, I enjoy quilting, where working with fabric and thread has strengthened my patience and attention to detail. At home, my two beloved cats, and especially my grandchildren, are my greatest source of energy. Spending time playing with them and being surrounded by my cats is the best way for me to relax and recharge. I believe that those who appreciate the warmth of life can better uphold professional rigor. If you have any administrative questions, or would like to chat about sewing or cats, feel free to reach out anytime.

5 Information Technology 資訊科技 / Tino Ou 歐誠中



在所內各個角落，只要有電腦、網路或視訊設備的地方，幾乎都能看到誠中的身影。他負責維護本所的資訊環境，從後台的伺服器管理到大家手上的行動裝置，都是他的守護範圍。

 我能為大家做什麼？

1. 電腦硬體與周邊救急：無論是個人電腦、平板或手機，遇到故障排除、系統備份、軟體安裝或是最令人頭痛的資料救援，誠中都是第一線的技術支援。
2. 視訊與會議支援：舉凡所內的演講、研討會或教育訓練，他負責視訊連線與音控設備的穩定，確保每一場活動都能順利進行。
3. 設備規劃與汰換：誠中負責資訊設備的採購編列，根據同仁的業務需求，協助評估並汰換舊設備，讓大家有更順手的數位工具。
4. 資訊安全與規範：管理所內的郵件群組伺服器、監控軟體版權符合規範，並擔任個資管理者，確保所內資訊環境的合法與安全。
5. 行政庶務支援：包含 A134 演講廳設備維護、海報輸出以及未來網頁內容的更新建檔。

 關於我：誠中在處理資訊問題時，總是以「解決同仁需求」為出發點。對他來說，資訊工作不只是與機器打交道，更是為了讓大家在研究與行政流程上，能因為穩定的數位環境而更有效率。他平時處事低調務實，如果您的電腦突然罷工，或是視訊會議需要技術支援，找誠中就對了。

Across IPMB, wherever there are computers, networks, or video conferencing systems, you are likely to find Tino behind the scenes. He maintains the institute's IT environment, from servers to the devices we use every day.

How can Tino support you? 1. IT troubleshooting: He provides first-line support for hardware issues, system backups, software installation, and data recovery; 2. Video and event support: He ensures stable video and audio systems for lectures, seminars, and training sessions; 3. Equipment and security management: Tino oversees IT planning and upgrades, monitors software compliance, manages mailing list servers, and serves as the IPMB's data protection administrator; 4. Administrative and facility support: He also assists with A134 equipment, poster printing, and website updates.

About Tino: He approaches IT work with one goal: meeting colleagues' needs. For him, IT is not just about machines, but about creating a stable digital environment that supports research and administration. Practical and dependable, he is the person to contact when technical issues arise or meeting support is needed.

Unboxing the Core Lab 開箱核心實驗室

Proteomics Core Lab 蛋白質體核心實驗室

If Genomics is the "Script," Proteomics is the "Live Broadcast."

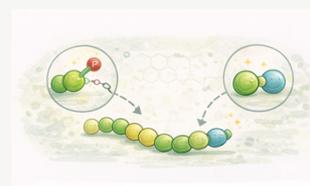
If genomics and transcriptomics tell us what could happen, and transcriptomics tells us what is planned to happen, then proteomics provides the ultimate answer researchers care about most:

"What is actually happening in the cell right now?"

This is exactly where the Proteomics Core Lab comes in.

Using advanced liquid chromatography tandem mass spectrometry (LC-MS/MS), we help researchers:

-  **Identify proteins**
-  **Quantify abundance**
-  **Characterize PTMs & interactions**



We don't offer "one-size-fits-all" pipelines. Instead, we tailor analytical workflows to fit your specific scientific questions.

If proteomics were explained through Toy Story...

Imagine a "mystery toy" sitting on a table, its appearance completely hidden. You put it on a scale, and it weighs 157 g. That number alone still doesn't tell you who it is—**Woody** or **Buzz Lightyear**?

This is where the Mass Spectrometer enters the scene. Think of it as an ultra-precise scale that doesn't just measure total weight, but also "disassembles" the toy into individual parts (peptides), weighs each piece, and matches them against a database. When the hat, the badge, and the boots all line up, the answer becomes clear.

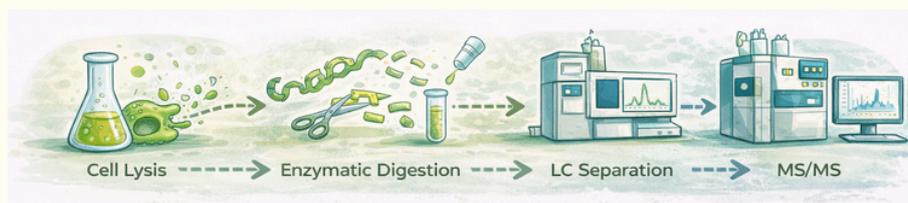


This is the romance of mass spectrometry:

identifying identity through molecular-level evidence, not just appearances.

From samples to data— What keeps the core busy?

In practice, submitted samples go through a standardized yet flexible workflow: cell lysis, enzymatic digestion, peptide separation, and mass spectrometry analysis. From HPLC retention times to MS and MS/MS fragmentation patterns, each step transforms an invisible protein world into interpretable data.



Beyond “running the machines,” the Proteomics Core also works closely with researchers on experimental design, helps select appropriate analytical strategies, and provides data analysis support—so that mass spectrometry results can truly speak to the biological questions at hand.



From the Core Team: Questions You Might Be Curious About

Q1 Describe the Proteomics Core Lab in one sentence.

Digitizing complex biological samples to provide precise answers at the molecular level for life sciences.

Q2 What is the most frequently asked question when users submit samples?

- ✔ "Is my sample concentration sufficient?"
Don't worry, we'll help with the final check, but accurate pre-submission quantification is indispensable!
- ✔ "When can I get my data?"
The mass spectrometer is running at full speed. Good data, like good coffee, is always worth the wait.
- ✔ "Why didn't my protein show up?"
Sometimes, a lack of results is a result itself. We will work with you to troubleshoot whether it's a matter of workflow or biological logic.



Q3 One friendly but crucial reminder before submitting samples?

Before you start harvesting your plants or collecting cells, come have a chat with us! Early consultation can save you significant time and funding.

(To be continued... Which lab should we unbox next? 😊)

Good News & Achievements 植微人的好消息

1
2025 Executive Yuan Award for Outstanding Science and Technology Contribution
Dr. Na-Sheng Lin



Dr. Na-Sheng Lin received this national honor in recognition of her outstanding contributions to plant science.

2
2025 Ho Chin Tui Award
Dr. Shu-Hsing Wu



Congratulations to Dr. Shu-Hsing Wu on Receiving the 2025 Ho Chin Tui Award (Basic Science – Biology).

3
Young Investigator Award (JSPP)
Dr. Makoto Shirakawa



Congratulations to Dr. Makoto Shirakawa on receiving the JSPP Young Investigator Award.

4
27th Distinguished Young Women Award
Dr. Chin-Min Ho



Congratulations to Dr. Chin-Min Ho on receiving the 27th Distinguished Young Women Award in recognition of her outstanding achievements.

5
Promotion to Associate Research Specialist
Dr. Chuan-Chih Hsu



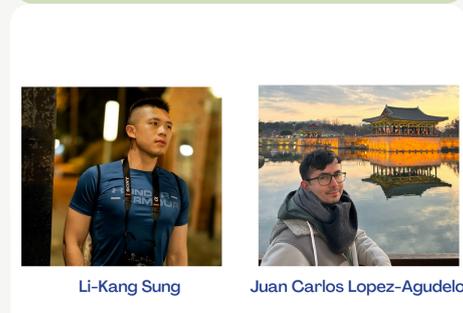
Congratulations to Dr. Chuan-Chih Hsu on his promotion to Associate Research Specialist.

6
2026 (I) IPMB Young Scholars Travel Grant Awardees



Congratulations to the awardees of the 2026 (I) IPMB Young Scholars Travel Grant Competition.

7
2026 AS-TIGP Research Performance Fellowship
Li-Kang Sung & Juan Carlos Lopez-Agudelo



Congratulations to Li-Kang Sung and Juan Carlos Lopez-Agudelo on being awarded the 2026 AS-TIGP Research Performance Fellowship.

YIA Spotlight 年輕學者委員會

Young Investigator Association

Stay connected with YIA

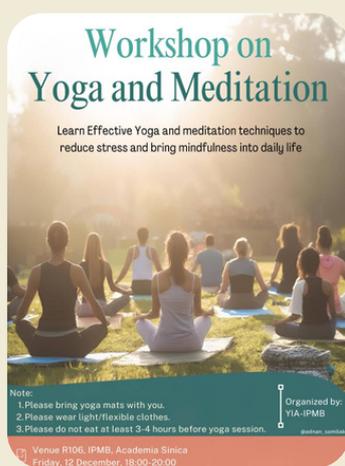
1. IPMB Email [YIA] Activity!
2. Contact Your YIA Lab Representative!
3. Access Website Below!

YIA Official Website (Travel Grant/Job Opportunities): <https://ipmb.sinica.edu.tw/en/about/youngCommittee>

YIA Facebook Group (Activities Information): <https://www.facebook.com/groups/504629419562063>

Events 活動回顧

[Dec 12, 2025] Yoga and Meditation Workshop



The workshop focused on introducing Ashtanga Yoga. Both Yoga and meditation support achieving a subtle balance between physical and mental well-being.

[Jan 9 & 23, 2026] Routine Gathering



By bringing us together across different labs and fields, we can learn from each other's expertise and spark new ideas. Most importantly, such gatherings help build a supportive and connected community across the institute, making our research environment more collaborative and enjoyable. **(Once every two weeks)**

[Jan 16, 2026] Wine Tasting Event



The activity is "Know Your Wine: A Crash Course & Guided Tasting", organized by YIA and led by enologist **Sopia**, with **Juan** as co-host. This event introduced wine tasting basics in a fun, relaxed environment.

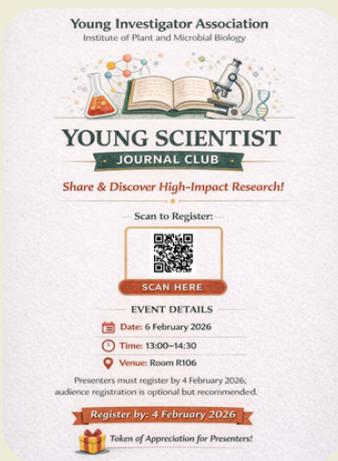
[Feb 5, 2026] Alumni Sharing



We were pleased to invite Associate Professor **Dr. Huang-Lung Tsai** from the Institute of Molecular and Cell Biology, National Taiwan University, to give a YIA Alumni Sharing session at IPMB. Dr. Tsai shared his personal experiences and insights on career development during his student and postdoctoral stages.

Young Investigator Association

[Feb 6, 2026] YIA Journal Club



Young Investigator Association
Institute of Plant and Microbial Biology

**YOUNG SCIENTIST
JOURNAL CLUB**

Share & Discover High-Impact Research!

Scan to Register:

SCAN HERE

EVENT DETAILS

Date: 6 February 2026
Time: 13:00–14:30
Venue: Room R106

Presenters must register by 4 February 2026; audience registration is optional but recommended.

Register by: 4 February 2026

Token of Appreciation for Presenters!

This event encouraged young scientists to explore recent high-impact research and present their insights in a clear and engaging storytelling format. Members of the IPMB community interested in science communication and discussion were invited to participate in the first edition as presenters or audience members.

[Mar 2, 2026] YIA New Chairman Election



We are pleased to announce that **Dr. Chiao-Jung Han** has been elected as the new Chairman of the IPMB Young Investigator Association for the term of Apr 2026 to Mar 2027.

[Mar 3, 2026] YIA Seminar – Dr. Martin Kaltenpoth



中央研究院 植物暨微生物學研究所
Institute of Plant and Microbial Biology

IPMB Seminar

Prof. Martin Kaltenpoth
Director
Department of Insect Symbiosis, Max Planck Institute for Chemical Ecology, Jena, Germany

**An inordinate fondness for symbionts:
Beneficial bacteria as sources of
evolutionary innovations in beetles**

Host: Mr. Xuan Lai and Dr. Chiao-Jung Han
IPMB Young Investigator Association (YIA)

We were pleased to welcome **Dr. Martin Kaltenpoth** from the Max Planck Institute for Chemical Ecology as our YIA seminar speaker. His research revealed the evolutionary mechanisms behind insect–microbe symbioses and plant–insect chemical interactions.

Resources to Share 實用資訊分享



The Arabidopsis Information Resource

tair

The Life Sciences Library has subscribed to The Arabidopsis Information Resource (**TAIR**), a database for genetic and molecular biology data of *Arabidopsis thaliana*. TAIR provides genome sequences, gene structure and expression data, DNA and seed stocks, genome maps, publications, and regularly updated gene function information. Seed and DNA resources from the Arabidopsis Biological Resource Center (ABRC) are fully integrated into the TAIR platform. Lab members are encouraged to make full use of this resource.

👉 <https://www.arabidopsis.org/>

NEW ARTICLE ALERT
Recent major changes to TAIR: Updates to the database, website, and Arabidopsis genome

New architecture
New interface
New genome

doi.org/10.1093/genetics/iyaf248

Life at IPMB 所內活動側寫

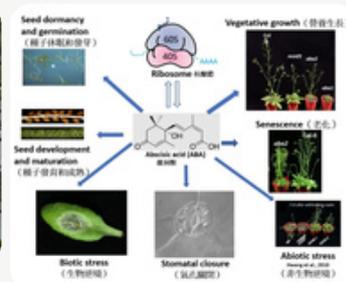


- 2025/12/19 Winter Tea Party
- 2026/01/08 Plant (Development) Joint Lab Meeting
- 2026/01/09 Annual party of the IPMB Plant and Environmental Microbiology (PEM) labs
- 2026/01/30 Retirement Farewell for Dr. Wan-Hsing Cheng
- 2026/02/04 Get to know IPMB Activity
- 2026/03/02 IPMB Spring Banquet

IPMB in the Spotlight 焦點錦集

1 An Interview with Dr. Wan-Hsing Cheng Entering the Survival World of Plants: Decoding Stress Signals

👉 <https://reurl.cc/eVKe3L>



2 IPMB Popular Science Article: Microbes at Work: Building the Next Generation of Clean Energy

(featuring research by Dr. Pao-Yang Chen)

👉 <https://reurl.cc/Vm0X05>



Find the Difference—Answer Time!



PICTURE A

PICTURE B

For any comments or suggestions about this newsletter, please contact Ms. Pei-Ling Wu (lilian541@gate.sinica.edu.tw).