

Master of Science Program in Plant Sciences



FACULTY OF GRADUATE STUDIES MAHIDOL UNIVERSITY

2019

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Welcome!

Dear incoming graduate students,

Welcome to our Graduate Program in Plant Sciences! We are very happy that you choose to attend our program. We promise to equip you with the most current knowledge and skills in the world of plant science and pharmaceutical botany. We will do our best to provide world-class research environment, so you are free to explore nature's secret or develop new product and technology for our country. If you have passion for plants like we do, we know you will have a wonderful time.

Our program is a joint program between Department of Plant Science, Faculty of Science and Department of Pharmaceutical Botany, Faculty of Pharmacy. In your first year, our faculty will guide you through different aspects of plant science, including taxonomy, genetics, physiology, biotechnology, ethnobotany, and traditional Thai medicine. In your second year, you can choose to dive further into your field of interest by taking elective courses and working on your own thesis project. We will nurture your ability to study, analyze, and solve problems in your own project. When you are ready, you will share your new knowledge with the world by attending scientific conferences and writing your own scientific papers.

Because you are a part of our family, we do care deeply about your success in this program. However, your success can only be achieved if you are responsible and work hard. Please let us know of your difficulties, so we can help you as soon as possible.

Good luck with your study and we look forward to seeing your success!

Asst. Prof. Aussanee Pichakum

Program Director

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Our Program

Program Title

Master of Science Program in Plant Sciences (International Program)

Name of Degree

Full name Master of Science (Plant Sciences)

Abbreviation M. Sc. (Plant Sciences)

Responsible Units

- Department of Plant Science, Faculty of Sciences, Mahidol University.
- Department of Pharmaceutical Botany, Faculty of Pharmacy, Mahidol University.
- Faculty of Graduate Studies, Mahidol University

Our Goal

To produce scientists and researchers who are competent in the field of plant science, who are able to make use of knowledge and technology, and also can teach and convey their knowledge to future generations.

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Our Staff

Department of Plant Science



Assoc. Prof. Puangpaka Umpumjun

รศ. ดร. พวงผกา อัมพันธ์จันทร์

Ph.D. in Sciences des agroressources

Room: N308 Tel: 0-2201-5237 Fax: 0-2354-7172

e-mail: puangpaka.ump@mahidol.ac.th

Position: Head of Department of Plant Science



Assoc. Prof. Kanchit Thammasiri

รศ. ดร. ครรชิต ธรรมศิริ Ph.D. in Horticulture

Room: N307 Tel: 0-2201-5235 Fax: 0-2354-7172

e-mail: kanchit.tha@mahidol.ac.th



Assist. Prof. Aussanee Pichakum ผศ. ดร. อุษณีษ์ พิชกรรม

Ph.D. in Plant Science

Room: N309 Tel: 0-2201-5233 Fax: 0-2354-7172

e-mail: aussanee.pic@mahidol.ac.th

Position: Program Director

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Assist. Prof. Thaya Jenjittikul ผศ. ดร. ทยา เจนจิตติกุล Ph.D. in Horticulture Room: N306/1

Tel: 0-2201-5284 Fax: 0-2354-7172

e-mail: thaya.jen@mahidol.ac.th



Assist. Prof. Ngarmnij Chuenboonngarm

ผศ. ดร. งามนิจ ชื่นบุญงาม Ph.D. in Bioscience Room : N312

Tel: 0-2201-5234 Fax: 0-2354-7172

e-mail: ngarmnij.chu@mahidol.ac.th



Assist. Prof. Sasivimon Swangpol

ผศ. ดร. ศศิวิมล แสวงผล Ph.D. in Biological Sciences

Room: N306/2 Tel: 0-2201-5235 Fax: 0-2354-7172

e-mail: sasivimon.swa@mahidol.ac.th



Assist. Prof. Nathinee Panvisavas

ผศ. ดร. ณัฏฐินี พันธ์วิศวาส Ph.D. in Plant Molecular Biology

Room: N315/1 Tel: 0-2201-5235 Fax: 0-2354-7172

e-mail: nathinee.pan@mahidol.ac.th

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Assist. Prof. Paweena Traiperm

ผศ. ดร. ปวีณา ไตรเพิ่ม

Ph.D. in Biological Science

Room: R405 Tel: 0-2201-5384 Fax: 0-2354-7172

e-mail: paweena.tra@mahidol.ac.th



Dr. Panida Kongsawadworakul อาจารย์ ดร. พนิดา คงสวัสดิ์วรกุล

Ph.D. in Plant Cell and Molecular Biology

Room: N316A Tel: 0-2201-5293 Fax: 0-2354-7172

e-mail: panida.kon@mahidol.ac.th



Dr. Unchera Viboonjun อาจารย์ ดร. อัญชีรา วิบูลย์จันทร์ Ph.D. in Plant Biotechnology

Room: N316B Tel: 0-2201-5235 Fax: 0-2354-7172

e-mail: unchera.vib@mahidol.ac.th



Assist. Prof. Wisuwat Songnuan

ผศ. ดร. วิษุวัต สงนวล Ph.D. in Genetics Room : N310 Tel : 0-2201-5232

Fax: 0-2354-7172

e-mail: wisuwat.son@mahidol.edu

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Dr. Alyssa B. Stewart อาจารย์ ตร. อลิสา สจ๊วต Ph.D. in Ecology and Evolution

Room: N203/3 Tel: 0-2201-5232 Fax: 0-2354-7172

e-mail: alyssa.ste@mahidol.edu



Atchara Muengkrut อัจฉรา เมืองครุธ

B.Sc. Plant Pathology

Room: N314 Tel: 0-2201-5236 Fax: 0-2354-7172

e-mail: atchara.mue@mahidol.ac.th

Position : Scientist



Sombat Sriwanngarm สมบัติ ศรีวรรณงาม

B.Sc. Biology and B.Sc. Computer Science

Room: N303 Tel: 0-2201-5220 Fax: 0-2354-7172

e-mail: sombat.sri@mahidol.ac.th

Position : Scientist



Ladawan Wiparatanakorn ลดาวัลย์ วิภารัตนากร

Room: N303 Tel: 0-2201-5232 Fax: 0-2354-7172

e-mail : ladawan.vip@mahidol.ac.th Position : General Administrative Officer





Chalisa Klaipuengsin ชาลิสา คล้ายพึ่งสินธุ์ Room : N303

Tel: 0-2201-5240 Fax: 0-2354-7172

e-mail : chalisa.kla@mahidol.ac.th Position : General Administrative Officer

Department of Pharmaceutical Botany



Prof. Wongsatit Chuakul ศ. ดร. วงศ์สถิตย์ ฉั่วกุล Ph.D. in Agronomy

e-mail: wongsatit.chu@mahidol.ac.th



Assoc. Prof. Rungravi Temsiririrkkul รศ. รุ่งระวี เต็มศิริฤกษ์กุล M.Sc. in Pharmacy e-mail: rungravi.tem@mahidol.ac.th



Assoc. Prof. Sompop Prathanturarug รศ. ดร. สมภพ ประธานธุรารักษ์ Ph.D. in Pharmaceutical Biology e-mail: sompop.pra@mahidol.ac.th

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Dr. Nisarat Siriwatanamethanon ดร. นิศารัตน์ ศิริวัฒนเมธานนท์ Ph.D. in Pharmacognosy and Phytotherapy e-mail: nisarat.sir@mahidol.ac.th



Dr. Bhanubong Bongcheewin ดร. ภานุพงษ์ พงษ์ชีวิน Ph.D. in Plant Systematics email: bhanubong.boc@mahidol.ac.th Position: Head of Department of Pharmaceutical Botany



Dr. Benyakan Pongkitwitoon ดร. เบญญากาญจน์ พงศ์กิจวิทูร Ph.D. in Pharmaceutical Sciences email: benyakan.pon@mahidol.ac.th



Dr. Thanika Pathomwichaiwat ดร. ธนิกา ปฐมวิชัยวัฒน์ Ph.D. in Phytopharmaceutical Sciences e-mail: thanika.pat@mahidol.ac.th Position: Lecturer

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Dr. Duangjai Tungmunnithum ดร. ดวงใจ ตั้งมั่นในธรรม Ph.D. in Botany e-mail: duangjai.tun@mahidol.ac.th Position: Lecturer



Warunya Chai-urai วรัญญา ฉายอุไร e-mail: varunya.cha@mahidol.ac.th Position : General Administrative Officer



Ampol Boonpleng อำพล บุญเปล่ง e-mail: ampol.bon@mahidol.ac.th



Ubonwan Boonpleng อุบลวรรณ บุญเปล่ง e-mail: ubonwan.boo@mahidol.ac.th Position : Scientist

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Curriculum

Students are required to have at least 36 credits, including

Core courses 12 credits

Elective courses 12 credits

Thesis 12 credits

Duration of Study

Students are expected to graduate in 2-3 academic years and must not exceed 5 academic years

Students must register for at least 9 credits, but no more than 15 credits per semester.

Academic Calendar

Please refer to the information on the Faculty of Graduate Studies website at

http://www.grad.mahidol.ac.th/en/current-students/academic-calendar.php

Registration

Visit Faculty of Graduate Studies website at http://www.grad.mahidol.ac.th for details about registration.

Be sure to register and add/drop courses before deadlines.

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Courses

*See course description at

http://www.sc.mahidol.ac.th/scpl/CourseDes/CourseDes_en.htm#

Course No.	Course Name	Credit	
Core courses: 12 credits			
SCID 516	Biostatistics	3(3-0-6)	
SCID 518	Generic Skills in Science Research	1(1-0-2)	
SCPL 562	Integrative Plant Science	3(2-3-5)	
SCPL 672	Seminar in Plant Science I	1(1-0-2)	
PYPB 621	Integrative Pharmaceutical Botany	3(3-0-6)	
PYPB 612	Conservation and Utilization of Medicinal		
	Plant Genetic Resources	3(2-3-5)	

Elective courses: Not fewer than 12 credits

Course No.		Course Name	Credit
SCPL	501	Advanced Plant Taxonomy	3(2-3-5)
SCPL	502	Ethnobotany	3(2-3-5)
SCPL	503	Pollen Biology	3(2-3-5)
SCPL	511	Plant Bioregulators	2(2-0-4)
SCPL	521	Plant Cytogenetics	3(2-3-5)
SCPL	522	Advanced Plant Molecular Biology	3(3-0-6)
SCPL	523	Techniques in Plant Molecular	3(1-6-3)
		Biology	
SCPL	524	Plant Mutation	3(3-0-6)
SCPL	541	Advanced Plant Tissue Culture	3(3-0-6)
SCPL	543	Advanced Phytochemistry	3(2-3-5)
SCPL	544	Advanced Technique in Plant Tissue	1(0-3-1)
		Culture	
SCPL	563	Plant-microbe interaction	3(3-0-6)
SCPL	564	Plant Growth Promotion	3(2-3-5)
SCPL	571	Current Topics in Plant Sciences	2(2-0-4)

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Course No.		Course Name	Credit
SCPL	572	Applied Statistics for Plant Science	1(1-0-2
SCPL	601	Advanced Botanical Research	1(1-0-2
SCPL	602	Skill in Botanical Knowledge Transfer	1(0-2-1
SCPL	611	Plant Adaptation to Environmental	2(2-0-4
		Changes	
SCPL	621	Applied Plant Genetics	2(2-0-4
SCPL	671	Special Problems in Plant Sciences	2(1-3-3
PYPB	601	Traditional Thai Medicine	3(3-0-6
PYPB	604	Medical Ethnobotany	3(2-3-5
PYPB	607	Development of Herbal Medicine	3(2-3-5
PYPB	610	Current Topics in Pharmaceutical	2(2-0-4
		Botany	
PYPB	622	Plant Database Construction and	3(2-3-5
		Management	
PYPH	695	Applied Plant Biotechnology in	3(2-3-5
		Pharmaceutical Sciences	

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Study Plan

Suggested schedule

Year	Semester 1		Semester 2	
1	 PYPB 621 Integrative Pharmaceutical Botany 3(3-0-6) SCPL 562 Integrative Plant Sciences 3(2-3-5) SCID 518 Generic Skills in Science Research 1(1-0-2) Elective courses 6 Credits 		 SCID 516 Biostatistics 3(3-0-6) SCPL 672 Seminar in Plant Sciences I 1(1-0-2) PYPB 612 Conservation and Utilization of Medicina Plant Genetic Resources I 3(2-3-5) Elective courses 6 Credits 	
	Total	11 Credits	Total	13 Credits
2	- SCPL/PYPB 698 Thesis		- SCPL/PYPB 698 Thesis	
	12(0-48)		12(0-48)	
	Total	6 Credits	Total	6 Credits

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Thesis Progression

1st semester, 1st year

- Discuss with faculty and friends about potential lab of interest
- Declare major advisor and formulate a suitable project for thesis

2nd semester, 1st year

- Review literature for project
- Appoint co-advisor, if needed
- Start working on the thesis project
- Prepare for thesis proposal examination

1st semester, 2nd year

- Register for thesis
- Take the thesis proposal exam
- Continue with the thesis project
- Present research progress

2nd semester, 2nd year

- Submit manuscript
- Thesis writing
- Take the thesis defense exam

The official guideline for thesis preparation and submission can be found at http://www.grad.mahidol.ac.th/thesis/index-en.php

Please be aware that <u>rules and regulations can change</u>
<u>frequently</u>. It is the student's responsibility to stay updated
and act accordingly. **DO NOT** rely solely on suggestions from
your peers or senior students.

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Thesis Proposal Examination

Students must prepare thesis proposal based on suggestions from advisors and pass the proposal examination <u>within</u> first semester of second academic year. Please contact departmental office for required steps toward taking the exam.

Human Ethics Approval

If the proposed thesis project involves human subjects, students must attend Human Ethics Training and submit the application for human ethics approval to the MU-IRB within 90 days after the proposal exam, but before starting the project. Please go to http://www.grad.mahidol.ac.th/grad/academicinfo/ethics_en.php for more details.

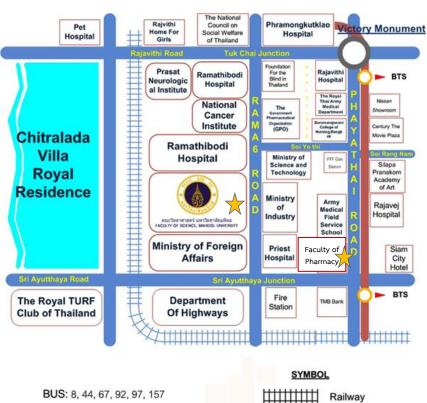
Graduation Requirement

Students must:

- (1) Take no fewer than 24 credits of coursework and 12 credits of thesis. Total credit for the program must be at least 36 credits, with GPA no less than 3.00.
- (2) Pass the English Proficiency Examination offered by the Faculty of Graduate Studies, Mahidol University, or other qualified institutions, or have a TOEFL score more than 500.
- (3) Complete the thesis research* and pass oral thesis examination required for graduation according to regulations of Faculty of Graduate Studies, Mahidol University.
- *This includes at least one journal article or conference proceeding publication.
- (4) Complete the soft skill trainings as required by the Faculty of Graduate Studies. For information, please visit http://www.grad.mahidol.ac.th/softskills/

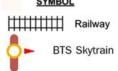
Facilities

Phayathai Campus



AirBus: 8, 44, 67, 92, 157, 171, 509, 538

MicroBus: ปอ.พ.8



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ถนน กำแพงเพชร 2 (Kampangphet 2)



กระทรวงการต่างประเทศ (Ministry of Foreign Affairs)

ถนนพระราม 6 (Rama VI Road)



โรงพยาบาลรามาธิบดี (Ramathibodi Hospital)

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STUDENT SERVICES

Health Care

For Emergency: Please go to the Emergency Unit, Ramathibodi hospital located next to the campus on Rama 6 Rd. Bring your hospital ID, national ID, and health insurance card.

For minor health problems: Please go to the Health Center, located on the 1st floor of N building. Bring your student ID and hospital ID.

Sport

Our sport facilities are located in the Stang Building. Please download the member application form at $\,$

http://www.sc.mahidol.ac.th/scad/form/3.pdf

Library

Our Stang library offers a lot more than just books. Please visit the website at http://stang.sc.mahidol.ac.th or visit in person at 2nd floor, Physics building.

Computer

Computer cluster is available for all students between 7.30am-7.30pm at room C111, 1st floor, Chemistry building. There are free trainings for several computer programs essential for your graduate studies. For information and training schedule, please visit http://stang.sc.mahidol.ac.th/AIT/ITUserClub/

Attire

Please respect the academic atmosphere and wear appropriate attire to the university. Avoid the following items: sleeveless shirt, jeans, shorts, and sandals.

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เหตุฉุกเฉิน ปัญหาเฉพาะหน้า

<mark>ในคณะวิทยาศาสตร์ โปรดโทรศัพท์แจ้ง ดังนี้ 🧞</mark>



- 1. การสั่งการ ด้านกายภาพ ผู้ช่วยคณบดีฯ กายภาพ โทร 5013
- 2. ความเสี่ยงด้านอาคาร สถานที่ ความปลอดภัย สาธารณูปโภค หน. งานบริหาร โทร 5021
- 3. ปัญหาความปลอดภัย อาชญากรรม เจ้าหน้าที่รักษาความ ปลอดภัย โทร 5990
- ปัญหาสถานที่ อุปกรณ์ การซ่อมบำรุง ไฟฟ้า ประปา ฯ
 ติดต่อ หน. หน่วยซ่อมบำรุง โทร 5998

In case of emergency on campus, other than

immediate operation as directed (or according to the protocol), MUSC staff and students should call responsible person as follows:



- Incidents that require immediate command or expansion of operation: dial
 5013 (for Assistant Dean for Physical and Environment);
- 2. Every kind of risk issues: dial 5021 (for the Head of the Administration Division / Khamron Chotanac);
- 3. Security Issues: call the security officers, dial 5990
- 4. Problems regarding the building, perimeter, maintenance, power, electricity, plumbing and other systems (not include IT) etc., dial 5998 (for the Maintenance Unit)

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Important Telephone Numbers (off campus)

Police (General Emergency Call) 191

Police and Fire Department	199
Ambulance and Rescue	1554
Medical Emergency	1669
Bangkok Metropolitan Administration	1555
Crime	1195
Highway Police	1193
Immigration Department	02-287-3101
Tourist Assistance	1337 ext. 9

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Kan Phai Mahidol



The symbolic plant of Mahidol University

Kan phai Mahidol (Afgekia mahidoliae B. L. Burtt & Chermsir.) , the symbolic plants of Mahidol University, was named to commemorate the late Princess Mother, Somdej Phra Sri Nakarindra

Boromarajajonnani (then Princess Srisangwan Mahidol). It is a rare tropical plant found in limestone mountains in the western side of Thailand. One among only three known species in the genus, *A. mahidoliae* is a climber in the pea family (Fabaceae). The plant possesses purplish and whitish pea-like florets in inflorescences which are usually in blooms during August to November. The plant was found in Sai Yok, Kanchanaburi in 1967 by a Thai botanist, Kasem Chandraprasong The Thai word for the plant 'Kan phai' (กันภัย), which means 'protecting from threat', appeared in the famous Thai epic 'Khun Chang Khun Phan', as a captivating vine in a sacrament.

Kan phai Mahidol was named the symbolic plant of Mahidol University in the 30th Anniversary of the university in 1999. Recently, the specific epithet "mahidolae" was corrected to "mahidoliae" based on the latest version of the International Code of Botanical Nomenclature (Vienna code), under Recommendation 60C .1.b. Photo by Atiwat Tilapornputt

Department of Plant Science, Faculty of Science, Mahidol University: 272 Rama VI Rd., Ratchathewi, Bangkok 10400, Thailand Tel. +66 2201-5232 Fax. +66 2354 7172 www.sc.mahidol.ac.th/scpl/ Facebook: Plant Science @ Mahidol University

Department of Pharmaceutical Botany, Faculty of Pharmacy, Mahidol University: 447 Si Ayutthaya Rd., Ratchathewi, Bangkok 10400, Thailand Tel. +66 2644 8677 ext. 5551 Fax +66 2644 8696 www.pharmacy.mahidol.ac.th



Master Program of Plant Sciences

Research Topics & Staffs 2020



Assoc. Prof. Sompop Prathanturarug

- Quality improvement of medicinal plant raw material
- Medicinal plant biotechnology
 - Selection of high quality clones
 - Conservation of rare medicinal plants
- Extraction and Standardization of herbal medicine











Assist. Prof. Nisarat Siriwatanametanon

Area of Interest:

- Bioactivity of medicinal plants, in vitro, in vivo investigation.
- Bioassay-guided isolation of active compounds and structure elucidation using spectroscopic methods; NMR and MS
- Clinical trials of medicinal plants











Dr. Benyakan Pongkitwitoon

Biotechnological approaches to enhance medicinal plant bioactive compounds

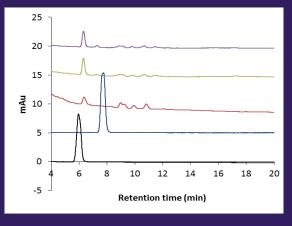
- In vitro propagation
- Callus and cell suspension culture
- Hairy root culture
- Elicitation, immobilization, etc













Assist. Prof. Bhanubong Bongcheewin

- Plant Taxonomy revise neighbouring and Thai flora
- Botanical Drug Authentication *verify authentic materials for Thai botanicals*
- Medical Ethnobotany document and conserve Thai wisdom









Dr. Thanika Pathomwichaiwat

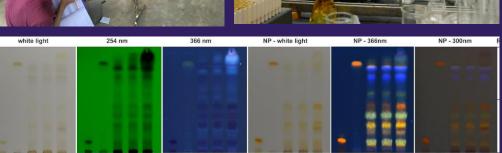
- Quality improvement of herbal raw materials
- Quality control of herbal materials & products
- isolate & identify the pharmacologically active compounds
- develope the standardized protocol using Chemometrics techniques
- Clinical trial of herbal products









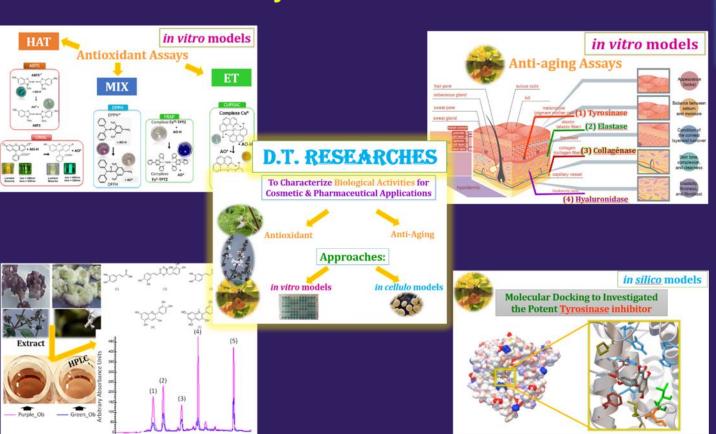




Dr. Duangjai Tungmunnithum

Area of Interest:

- Biomedical Research
- Medicinal Plants & Phytochemical Compounds
- Cosmetic Applications
- Pharmaceutical Botany



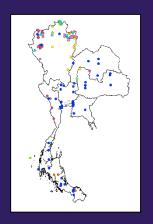


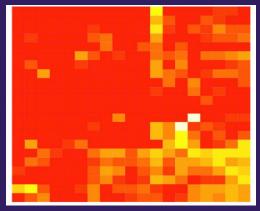
Dr. Methee Phumthum

- Ethnobotany
- Medicinal plants
- Meta analysis







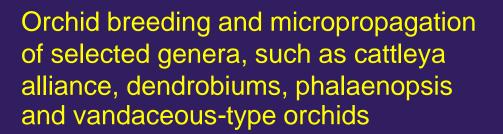








Dr. Kanchit Thammasiri





Orchid technology and plant cryopreservation





Dr. Ngarmnit Chuenboonngarm



In vitro propagation, conservation and improvement of wild and cultivated plants



















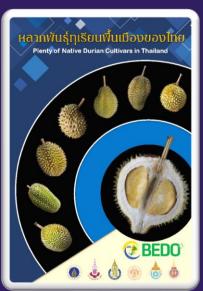


Dr. Aussanee Pichakum

Current research interest: 2020

Evaluation of genetic diversity and potential use of native durian cultivars in Thailand
 Propagation (NRCT)





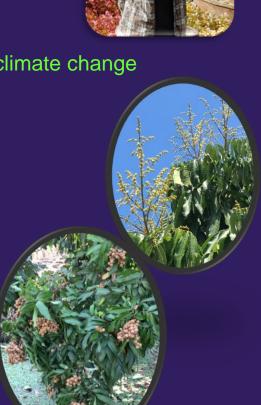


- ☐ Performances of plant response under climate change
 - ☐ Kiwifruit (ROYAL PROJECT FOUNDATION)
 - □ Off-season Longan (TSRI)
 - □ Durian; Monthong (ARDA)











Dr. Puangpaka Umpunjun



Chromosome technology: conventional and molecular cytogenetics

for plant research

Cytotaxonomy

Genome analysis

Genetic improvement

Conservation strategy

Environmental monitoring

Sex identification

- Wan Chak Motluk (Phytoestrogen Curcuma)
- Black ginger (Kaempferia)
- Tacca
- Endemic rare and threatened plant
- Some orchids
- Teen Hung Doi (Paris) rare medicinal plant in Thhailannd





Dr. Panida Kongsawadworrakul Dr. Unchera Viboonjun



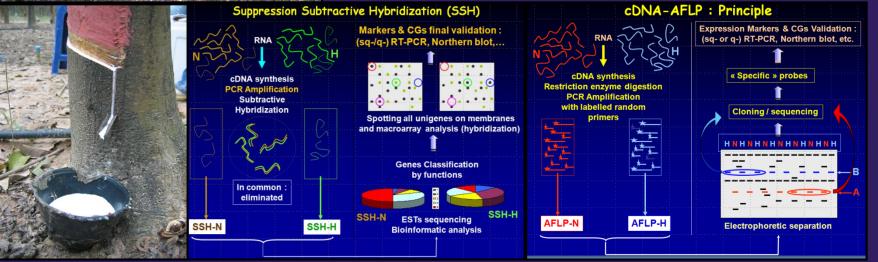




Molecular genetics of the onset of Trunk Phloem Necrosis in rubber tree

Physiological and molecular mechanisms of *Hevea* latex coagulation

Biotechnological improvement of rubber tree

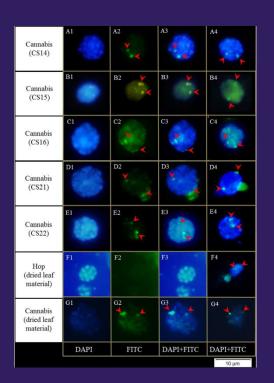




Dr. Nathinee Panvisavas

- Forensic Botany
- Forensic DNA Analysis of Biological Evidence
- Applications of DNA Technology in Forensic Science







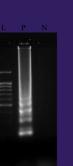
Cannabis sativa L.

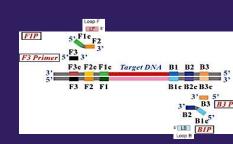
SYBR green II

SYBR gold

SYBR green I











Dr. Wisuwat Songnuan









- Molecular Plant Physiology: Rice & Durian
- Molecular allergology: allergy to plant pollen
- Plant disease : Phytophthora diseases of durian











Dr. Sasivimon Swangpol

Plant Evolution —
Ethnobotany —
Plant Science IDE (innovation-driven entrepreneurial) research



Wild banana ecology & evolution

History of fruit orchards in Central Thailand







Edible flower nursery and IDE research



Dr. Thaya Jenjittikul

Plant Taxonomy

(Zingiberaceae, Lowiaceae, Monocots)

Plant Morphology

Ethnobotany











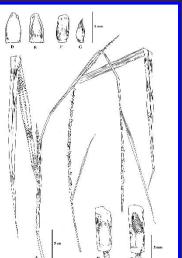




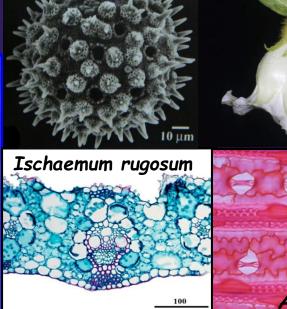
Dr. Paweena Traiperm

Systematics of some groups of Poaceae, Orchidaceae and Convolvulaceae in Thailand















Dr. Alyssa Stewart

Behavior, Ecology, Evolution and Systematics

- Plant-pollinator interactions
 - Competition for pollination
 - Urban pollinators
 - Pollination syndromes



Interactions between plants and

environment











Dr. Saroj Ruchisansakun



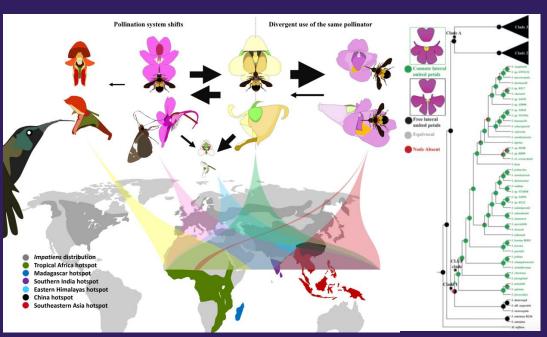
PhD: Leiden University

•Systematics, Evolution, and Pollination Biology of Balsaminaceae in SE Asia.

Research interested

- •Systematics, Evolution, and Pollination Biology of Balsaminaceae, Zingiberaceae;
- Conservation Biology; Ethnobotany.





20 คำแนะนำจากรุ่นพี่

- 1. พยายามปรับตัวให้รอบด้าน ทั้งเรื่องเรียน เพื่อนใหม่ สังคมใหม่
 - 2. โรงอาหารรพ.รามาฯ ปิด 1 ทุ่ม แต่ประตูเชื่อมปิด 2 ทุ่ม
- 3. เอกสารแนะนำที่ได้ตอนปฐมนิเทศมีประโยชน์มาก ควรเก็บไว้ให้ดี
 - 4. วิชาบังคับและวิชาเลือก ถ้ามีเพื่อนเรียนจะสนุกขึ้น
- 5. ตลาดนัดคณะวิทย์ฯมีทุก 2 อาทิตย์ ครั้งละ 2 วัน คือ พูธและพฤ แต่อาหารจะแพงกว่าโรงอาหาร
 - 6. มีคลินิกตรวจสุขภาพฟรีจากอ.หมอรามาฯ เปิดทุกวัน จ.-ศ. 9-13น. แต่ต้องรอรับยาตอนบ่ายสามโมง
- 7. ควรกล้าตัดสินใจและเชื่อมั่นในความคิดตัวเอง และเมื่อรู้ว่าไม่ใช่สาขาที่ชอบหรือไม่ใช่ตัวเองให้ออก อย่าฝืน
 - 8. การเปลี่ยนหัวข้อวิทยานิพนธ์ทำได้ แต่ต้องเก็บข้อมูล ทั้งเนื้อหาและ อาจารย์ที่ปรึกษาที่เคมีตรงกันให้รอบคอบก่อนนะจ๊ะ
 - 9. วันหยุดและวันนอกราชการ แต่ละอาครจะปิดทางเชื่อม ยกเว้นชั้น 3 และสามารถออกชั้น 1 ได้ที่ตึก c และ Pr เท่านั้น
 - 10. ถ้าไม่ได้ค้างที่ Lab อย่ากลับบ้านค่ำ เพราะอาจเกิดอาชญากรรมได้
 - 11. ถ้าต้องค้างที่ Lab กรุณาตุนอาหารให้พร้อมจะได้ไม่ต้องออกไป ตอนดึกๆ และสามารถอาบน้ำได้ที่ ตึก к ชั้น 5 และ 6
 - 12. ถ้าเกิดปัญหาเรื่องงาน สามารถปรึกษาอ.ที่ภาคและพี่ๆได้ทุกคน อย่า ทำตัวล่องหน (Indy) เพราะจะทำให้ไม่จบได้นะคะ
 - 13. ป.โทเรียนจบ 2 ปีครึ่งได้ถ้าวางแผนการเรียนดีๆ
 - 14. ถ้าเรียนเครียดๆ ก็ไปแถว BTS ราชเทวีได้ มี Coco-walk
 - 15. คณะวิทย์ฯมีที่ให้ออกกำลังกาย แต่ต้องทำบัตรสมาชิกให้เรียบร้อยก่อน
 - 16. ถ้าอยากคลายเครียด มาชวนปีแวนดี้ (ปี 3) ไปตีแบดได้
 - 17. ตอนส่งเล่มวิทยานิพนธ์ ถ้ามีอ.ที่ดูแลเยอะ ควรเก็บเงินสำหรับทำเล่มแต่เนิ่นๆ
 - 18. ถ้ามีวิชาบังคับหรือวิชาเลือกตัวใดที่เรียนไม่เข้าใจให้ปรึกษาแวนดี้ได้นะคะ (พี่เรียนแล้วทุกวิชา)
 - 19. ถ้าทำงานที่อ.สั่งไม่เสร็จ กรุณาอย่าแถ เพราะอาจารย์ท่านรับทราบได้
 - 20. แอร์ห้อง N209 หนาวมาก เพราะมีแค่ 2 ระดับคือเปิดกับปิด ถ้ามีเรียนที่ห้องนี้ให้เอาเสื้อกันหนาวมาด้วย

