

PERSONAL DETAILS:

Full Name: ดร. พหล แสนสมชัย
Dr. Pahol Sansomchai



POSTAL ADDRESS

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EDUCATION:

2021; Thai Traditional Medicine, The Union of Thai Traditional Medicine Society
2017; Doctoral degree (Biochemistry) Naresuan University
2006; Master degree (Biochemistry) Chiang mai University
2001; Bachelor degree (Biochemistry and Biotechnology) Chiang mai University
Before 2001; Graduated primary school and secondary school at The Prince Royal's College

THE GOAL FOR WORKING IN RELATED FIELD OF BIOCHEMISTRY ARE AS FOLLOW;

- Faculty of Nurse
- Faculty of Science
- Faculty of Medical Science
- Faculty of Thai traditional Medical or related sciences

Moreover, the biochemistry and the Thai traditional medicine that I have study are the hard science that I wish to be valued the curriculum for students who desire to gain more knowledge with the new experience. With the knowledge of Thai traditional medicine is the wisdom science of our culture and the biochemistry that can be explain the mechanism of Thai herb or Thai therapy. These can be led out the impact of Thai knowledge or the difference than others curriculum. The Thai herb or Thai therapy is widely popular among the other science. The Thai herb or Thai therapy can be started up with the good strength by adding the tourism. Because of tourism is can be founding by many grants.

Recent Work Place

- Researcher of institute of research and development of Lampang Rajabhat University
- Consultant of cosmetics products from coconut oil, D De Dee factory, 300 Sanpayang Rd. Muang Lamphun 5100

Experiences

2002 Teacher assistant of Chiang mai University

2002 Teacher assistant of North-Chiang mai University

2006 Lecturer of North-Bangkok University

2006 Lecturer and curricula committee of Mae Fah Luang University

2013 Consultant of D De Dee cosmetic factory (Lamphun)

2014 Consultant of All Bio cosmetics & Healthy Co. Ltd. (Chiang mai)

2014 Curricula set up of North-Chiang mai University (Cosmetic Technology)

2015 Consultant and formula development of D De Dee cosmetic factory (Lamphun)

2017 Consultant of dietary & health supplements for Bau Sawan Co. Ltd., D De Dee cosmetic factory, and Researcher for Thailand Nation Research

2018 Lecturer and curricula committee of Nakhonratchasima Collage

Consultant and formula development of D De Dee cosmetic factory (Lamphun)

2020 Lecturer and curricula committee of Kanchanaburi Rajabhat University

Consultant and formula development of D De Dee cosmetic factory (Lamphun)

2020 Researcher of institute of research and development of Lampang Rajabhat University and Products development of Consultant of D De Dee cosmetic factory (Lamphun)

The 2021 publications

1. Tikapunya T., Lapinee C., Jumpatong K., Khamjainuk P., Kotchapakdee N., Sansomchai P.*, 2021. **Assessment of Antioxidant Activity and Fibroblast Cell Viability in Rice Burry Extracts for Cosmetic Product Development.** (In press, Asia-Pacific Journal of Science and Technology, SCOPS Q3)
2. Tikapunya T., Pompimon W., Khamjainuk P. and Sansomchai P.*, 2021. **Biological activity and its related compounds of Red Jasmine rice extracts linked to normal fibroblast viability for cosmetic product.** Current Chemistry Letters, SCOPUS Q3. DOI: 10.5267/j.ccl.2021.9.004.
3. Sansomchai P.*, Jumpatong K., Kotchabhakdi N., 2021. **Cytotoxicity and mutagenicity testing of ethyl acetate extract of *Helianthus tuberosus* L.** The 10th Phayao research conference, 28-29 January 2021, University of Phayao, Phayao, Thailand.
4. Sansomchai P.*, Jumpatong K., Lapinee C., Utchariyajit K., 2021. ***Melientha suavis* Pierre. Extract: antioxidant and sunscreen properties for future cosmetic development.** Chiang Mai University Journal of Natural Sciences. 20(1). SCOPUS Q3

Innovations

1. **Lamphun organic rice processing for skin care cosmetic in protection of 2.5PM particle** (Research and development institute, Lampang Rajabhat University, Annual Budget in 2021).
2. **Lamphun organic rice processing for facial care cosmetic in protection of 2.5PM particle** (Research and development institute, Lampang Rajabhat University, Annual Budget in 2021).
3. **The value added of nutritional food of mango product**

(Project of agriculture and local product of research and development, research program;
The promote of community enterprise network sustainable (northeast) by Technopolis
Suranaree University of Technology, Annual Budget in 2019, Suranaree University of
Technology)

4. The water proof material coated development for indigo dyed bag

(Project of agriculture and local product of research and development, research program;
The promote of community enterprise network sustainable (northeast) by Technopolis
Suranaree University of Technology, Annual Budget in 2019, Suranaree University of
Technology)

5. The formulation of sunscreen foundation from aloe vera extract

(Project of agriculture and local product of research and development, research program;
The promote of community enterprise network sustainable (northeast) by Technopolis
Suranaree University of Technology, Annual Budget in 2019, Suranaree University of
Technology).

6. The processing development of glycerin from coconut oil mixed with herbal extract

(Innovation and Technology Assistance Program: ITAP) Annual Budget in 2018, University
of Phayao).

The topics that are relate to degree, thesis and present work.

1. Biochemistry
2. Biotechnology
3. Cosmetics & Formulas Developments
4. Cosmetic Sciences for Local Development
5. Consumer protection in cosmetic
6. Consumer laws
7. Detoxification of the toxic substance
8. Dietary supplement
9. Herb for health and aesthetic

10. Human metabolism
11. Immunology & Host defense mechanism
12. Label advertisement of products
13. Microbial in cosmetic
14. Nutrition and toxic substances
15. Thai traditional medicine/pharmacy

Award;

- Young Scientist award 2015 (final 15th by Merck)
- Alcohol gel for killing Corona virus 2020, guarantee by Thai Industrial Standards Institute (TISI) (Thai Industrial Standards Institute, TISI.) by the news; the 1 of 2 alcohol gel in Thailand that can kill Corona virus 2020.

The responsibility for the subjects in University

1. 1701201 Introduction to Pharmacology 2 (2-0-4)
2. 1701321 Microbial Toxicology and Biochemistry in cosmetics 3 (2-3-5)
3. 1701322 Dermal Pharmacology and Immunology 2 (2-0-4)
4. 1701323 Microbial Toxicology and Biochemistry in cosmetics 4 (3-3-7)
5. 1701411 Prebiotics and Probiotics 3 (2-3-5)
6. 1701454 Biomolecules 3 (3-0-6)
7. 1701498 Special Project and Seminar 3 (0-9-3)
8. 1703203 Facial Treatment 4 (3-3-7)
9. 1005311 Pharmacology 3 (3-0-6)
10. 1006201 Food and Nutrition for health and Beauty 3 (3-0-6)
11. 1006204 Introduction to health and Beauty Products Development 3 (3-0-6)
12. 1006205 Introduction to Cosmetic Science 3 (3-0-6)
13. 1006207 Food Supplement Production Technology 3(2-2-5)
14. 40727001 Cosmetic Sciences for Local Development 3(2-3-4)

Research experiences and presentations

In progress:

1. Cosmetic and processed food innovations from rice in Lumphun province for economic sufficient and sustainable development
(Project of; National Research Council of Thailand Annual Budget in 2022, Lampang Rajabhat University)
2. Development of *Caesalpinia sappan* for Cosmetic and Aesthetic Product
(Project of; National Research Council of Thailand Annual Budget in 2021, University of Phayao)
3. Utilization of Stingless Bee from Plant Genetic Conservation area under the Royal Initiative of Her Royal Highness Princess Maha Chakri Sirindhorn at University of Phayao for Health and Beauty
(Project of; National Research Council of Thailand Annual Budget in 2021, University of Phayao)

Further study:

1. The efficiency optimization of langan throughout the supply chain, in the project of The efficiency optimization of langan throughout the supply chain in Lamphun province
2. The efficiency optimization of rice throughout the supply chain, in the project of The efficiency optimization of rice throughout the supply chain in Lamphun province
3. Color stability study of *Caesalpinia sappan* Linn. extract for color cosmetic, Research program Genetic Conservation and Utilization Development from the Heartwood of *Caesalpinia sappan* Linn. by Development of Natural Dyeing Process and Biological Activities for Cosmetic and Aesthetic Product under the Royal Initiative of Her Royal Highness Princess Maha Chakri Sirindhorn

Local product development:

1. Strategic project, Rajabhat University for local development

(Research and development institute, Lampang Rajabhat University, Annual Budget in 2021)

2. Food processing of Lamphun banana chip (coffee flavor)

(Research and development institute, Lampang Rajabhat University, Annual Budget in 2021)

3. Food and beverage processing of Lamphun organic mango powder

(Research and development institute, Lampang Rajabhat University, Annual Budget in 2021)

4. Food and beverage processing of longan in Lamphun province

(Research and development institute, Lampang Rajabhat University, Annual Budget in 2021)

5. Development of Jerusalem artichoke (*Helianthus tuberosus* L.) to natural beauty product

(Project of; National Research Council of Thailand Annual Budget in 2019, University of Phayao)

6. Value added of dietary supplement from organic rice

(Project of agriculture and local product of research and development, research program; The promote of community enterprise network sustainable (northeast) by Technopolis Suranaree University of Technology, Annual Budget in 2019, Suranaree University of Technology)

7. The quality promotion of organic rice spaghettis powder

(Project of agriculture and local product of research and development, research program; The promote of community enterprise network sustainable (northeast) by Technopolis Suranaree University of Technology, Annual Budget in 2019, Suranaree University of Technology)

8. The development of skin cosmetic formulation from Pak-Wanpa (*Melientha suavis* Pire.) extract
(Talent mobility project Annual Budget in 2018, University of Phayao)
9. Skin care cream development from the extract of Pak-Wanpa (*Melientha suavis* Pire.) for Health
(In the project; Genetic conservation and Utilization Development from Pak-Wanpa Wanpa (*Melientha suavis* Pire.) by biological Activity, for health products. Project of; National Research Council of Thailand Annual Budget in 2015, University of Phayao)
10. The Isolation and Characterization of Bioactive Compounds in Ma Khang Daeng (*Dioecercis erythroclada* (Kurz) Tirveng.) and Ma Khang Khao (*Tamilnadia uliginosa* (Retz.) Tirveng. & Sastre) in Plant Genetic Conservation Area
(Research program; Plant Genetic Conservation Project under the Royal Initiative of Her Royal Highness Princess Maha Chakri Sirindhorn at The University of Phayao plant genetic conservation area, Phayao Province: Conservation and Development of Utilization inMa Khang Daeng (*Dioecercis erythroclada* (Kurz) Tirveng.) and Ma Khang Khao (*Tamilnadia uliginosa* (Retz.) in The Area of The University of Phayao, Project of; National Research Council of Thailand Annual Budget in 2014, University of Phayao)

Presentation

1. Tikapunya T., Pompimon W., Khamjainuk P. and **Sansomchai P.**, 2021. Biological activity and its related compounds of Red Jasmine rice extracts linked to normal fibroblast viability for cosmetic product. DOI: 10.5267/j.ccl.2021.9.004.
2. **Sansomchai P.**, Jumpatong K., Kotchabhakdi N., 2021. Cytotoxicity and mutagenicity testing of ethyl acetate extract of *Helianthus tuberosus* L. The 10th Phayao research conference, 28-29 January 2021, University of Phayao, Phayao, Thailand.

3. **Sansomchai P.**, Jumpatong K., Lapinee C., Utchariyajit K., 2021. *Melientha suavis* Pierre. Extract: antioxidant and sunscreen properties for future cosmetic development. Chiang Mai University Journal of Natural Sciences. 20(1).
4. **Sansomchai P.**, and Chansatein O., 2020. Biological activities and anthocyanin determination of *Eleutherine americana* extract. The 5th regional conference on graduate research, 18 January 2020, Sripatum University, Khon Kaen campus, Khon Kaen, Thailand.
5. **Sansomchai P.**, and Chansatein O., 2019. Inhibition of *Streptococcus mutants* by Extracted Substances from Green, Black, and Oolong tea. The Centenary International Conference on Advancements in Science and Humanities, St. Thomas' College (Autonomous) Thrissur, Kerala, India.
6. **Sansomchai P.**, Wimolrat W., Worratanakit S., and Chansatein O., 2019. The study of antioxidant activities and antioxidant compounds of *Wedelia trilobata* (L.) Hitch extracts. National Academic Conference "Northern Research" 5th, North Tak College, Tak, Thailand.
7. **Sansomchai P.**, Chansatein O., and Paworn L., 2019. Gel formulation containing *Taccaceae chantrieri* ANDRE extract. The 6th NMCCON., Nakhonratchasima College, Nakhon Ratchasima, Thailand.
8. **Sansomchai P.**, Chansatein O., and Rodphet P., 2019. The Preliminary Study of Biological Activities in Anti-aging of *Taccaceae chantrieri* ANDRE Extract. The 6th NMCCON., Nakhonratchasima College, Nakhon Ratchasima, Thailand.
9. Srikummol M., Surangkul D., Limmongkol A., Chewonarin T., and **Saansoomchai P.**, 2018. Enhanced VEGF Expression in Hair Follicle Dermal Papilla Cell by *Centella asiatica* Linn. Chiang mai University Journal of Natural Sciences. 17(1).
10. **Saansoomchai P.**, 2017. Effect of *Tacca chantrieri*, Andre, *Eleutherin americana* bulb Merr. and *Centella asiatica* Linn extracts on antioxidation activities and modulation on dermal papilla cells, *in vitro*. Ph.D. Thesis, Naresuan University, Thailand.

11. Srikummol M., Surangkul D., **Saansoomchai P.**, 2014. Effect of *Tacca chantrieri*, Andre, *Eleutherin americana* bulb Merr. and *Centella asiatica* Linn extracts on the growth promotion of primary dermal papilla cells, Naresuan University, Thailand. (Final report)
12. Jumpathong K., **Saansoomchai P.**, 2014. The Isolation and Characterization of Bioactive Compounds in Ma Khang Daeng (*Dioecercis erythroclada* (Kurz) Tirveng.) and Ma Khang Khao (*Tamilnadia uliginosa* (Retz.) Tirveng. & Sastre) in Plant Genetic Conservation Area. University of Phayao (Report)
13. Pripdeevech P., **Saansoomchai J.**, 2013. Antimicrobial activity and chemical composition of Essential oil and various extracts of *Fagraea fragrans* Roxb. flowers. Chiang mai Journal of Sciences. 40(2), 214-223.
14. **Saansoomchai J.**, Pripdeevech P., Wongvithoonyaporn P., 2011. Essential oil of *Fagraea fragrans* Roxb. flowers for cosmetic products. Dec. 10-15 Mae Fah Luang University, Thailand (Poster presentation)
15. **Saansoomchai J.**, 2011. Photoprotective effect and stability of sunscreen product with *Cuscuta chinensis* Lam extract. Apr. 6-8 Chiang mai University, Thailand (Poster presentation)
16. **Saansoomchai J.**, 2011. The effect of *B. superb* to IGF-1/TGF- β 1 growth factors of hair epithelium cell. Mae Fah Luang University, Thailand (Report)
17. Pintha K., Tnatipaiboonwong P., Pangjit K., Khantamat O., **Saansoomchai J.**, Suittajit M., and Srichairattanakool S., 2011. Protective effect of Cratoxylum extracts against hemolysis and oxidative stress of human red blood cells. Apr. 6-8 Chiang mai University, Thailand (Poster presentation)
18. **Saansoomchai P.**, and Wongvithoonyaporn P. 2010. Photoprotective and stability of sunscreen product with *Cuscuta chinensis* Lam extract. BMB, Thailand. (Poster presentation).

19. Rujjanawate C., Panthong A., Kunanusorn P., and **Saansoomchai P.**, 2009. Anti-inflammatory activity of a mixture containing propolis and zingiberaceous plant extracts. IAHB IX, Thailand. (Poster presentation)
20. Rujjanawate C., Hargreave O. D., **Saansoomchai P.**, and Wongnuch P., and Hongsing P., 2009. The Essence of Thai Herb. ISBN: 974-93821-6-1. PTT, Thailand. (Book)
21. **Sansomchai P.** and Rujjanawate C., 2008. The toxicity and nitric oxide production enhanced by *Schefflera actinophylla* (Endl.) Harms leaves extract. Dec. 17-19, 2008. Naresuan University, Thailand. (Poster presentation)
22. **Sansomchai P.**, 2008. Stimulatory effects of *Ocimum tenuiflorum* L. leaf extracts on phagocytosis, intracellular killing, and oxidative stress of neutrophils in normal people. Nov. 26-28, 2008. Mea Fah Luang University, Thailand. (Oral presentation)
23. **Sansomchai P.** and Sang-Ngern M., 2008. The study of oxidation reaction and antimicrobial activities of *Ocimum tenuiflorum* L., *Ocimum basilicum* L., and *Ocimum americanum* L. extracts. Sep. 12-16, 2008. Thailand research expo 2008 (NRCT), Bangkok. (Poster presentation)
24. **Sansomchai P.** and Sang-Ngern M., 2008. Phytochemical investigation of propolis in the north of Thailand. Sep. 12-16, 2008. Thailand research expo 2008 (NRCT), Bangkok. (Poster presentation)

M.Sc. Thesis

2006: Stimulatory effects of plant extracts on phagocytosis intracellular killing and oxidative stress of neutrophils in normal people

Ph. D. Thesis

2012-2014: The Mechanisms of Dermal Papila cell Promoting Effects and Antioxidants of *Tacca chantrieri* Ander, *Centella asiatica* Linn), and *Eleutherine americana* (Aubl. Merr.) *in vitro*

Others

1. Guest speaker the project of “การฝึกอบรมเชิงปฏิบัติ หลักสูตร การปลูกสมุนไพรอินทรีย์ และการใช้ประโยชน์จากสมุนไพร” องค์การบริหารส่วนตำบลอ่าวแก้ว อำเภอห้วยฉัตร จังหวัดลำปาง (2021)
2. Guest speaker the project of “สมุนไพรไผ่” องค์การบริหารส่วนตำบลแม่เม็ก อำเภอเถิน จังหวัดลำปาง (2021)
3. Guest speaker the project of “การวิเคราะห์จุดเด่นสมุนไพรในตำบล” องค์การบริหารส่วนตำบลท่าอากาศยาน อำเภอแม่ทา จังหวัดลำพูน (2021)
4. Guest speaker the project of “เทคโนโลยีการผลิตสมุนไพรที่มีคุณภาพ” องค์การบริหารส่วนตำบลแม่เม็ก อำเภอเถิน จังหวัดลำปาง (2021)
5. Guest speaker the project of “การคัดเลือกสมุนไพรเพื่อสุขภาพ” องค์การบริหารส่วนตำบลวังเงิน อำเภอแม่ทะ จังหวัดลำปาง (2021)
6. Reviewer of 16th of Naresuan Research and Innovation Nation Conference: NU Research Foresight: Beyond 30 years เรื่อง ผลของโปรตีนไฮโดรไลเซตจากถั่วลิสงต่อการผลิตเม็ดสีเมลานินในเซลล์เพาะเลี้ยง (2020)
7. Guest speaker the project of “การออกแบบสถานที่ผลิตเครื่องสำอางสำหรับ GMP” บริษัท คอสเมเฮลท์ แลบบอราทอรีส์ จำกัด อำเภอชัยบาดาล จังหวัดลพบุรี (2020)
8. Guest speaker the project of “สมุนไพรกับการดูแลสุขภาพของผู้ป่วยเรื้อรัง” สำนักงานเทศบาลตำบลดอนขมิ้น อำเภอท่ามะกา จังหวัดกาญจนบุรี (2020)
9. Guest speaker the project of “ฝึกอบรมเชิงปฏิบัติการ การสร้างอาชีพ และการสร้างรายได้เพื่อชุมชน (การทำผงปรุงรสเห็ดหอม)” องค์การบริหารส่วนตำบลลาดหญ้า อำเภอเมือง จังหวัดกาญจนบุรี (2020)
10. Guest speaker the project of “การฝึกอบรมแปรรูปสมุนไพรเพื่อใช้ประโยชน์ในเชิงพาณิชย์” องค์การบริหารส่วนตำบลท่าเสา อำเภอไทรโยค จังหวัดกาญจนบุรี (2020)
11. Guest speaker the project of “การแปรรูปผลผลิตทางการเกษตร (ลำไย)” กลุ่มวิสาหกิจชุมชนผลิตลำไยบ้านหนองยวง อำเภอเวียงหนองล่อง จังหวัดลำพูน (2020)
12. Guest speaker the project of “การแปรรูปผลผลิตทางการเกษตร (ลำไย)” กลุ่มวิสาหกิจชุมชนผลิตลำไยบ้านน้ำดิบน้อย อำเภอป่าซาง จังหวัดลำพูน (2020)

13. Guest speaker the project of “การผลิตแอลกอฮอล์เจลอย่างง่าย” กองพัฒนานักศึกษา มหาวิทยาลัยราชภัฏกาญจนบุรี จังหวัดกาญจนบุรี (2020)
14. Guest speaker the project of “การแปรรูปผลผลิตทางการเกษตร (ลำไย)” กลุ่มวิสาหกิจชุมชนผลิตลำไยบ้านน้ำดิบน้อย อำเภอป่าซาง จังหวัดลำพูน (2019)
15. Guest speaker the project of “การประยุกต์ใช้องค์ความรู้ทางชีวเคมีกับอุตสาหกรรม” ภาควิชาชีวเคมี คณะวิทยาศาสตร์การแพทย์ มหาวิทยาลัยนเรศวร (2019)
16. Guest speaker the project of “โครงการการจัดการเรียนรู้สู่การปฏิบัติที่เป็นเลิศ; การเสนอขอทุนวิจัยจากแหล่งทุนภายนอกมหาวิทยาลัย” บริการวิชาการ วิทยาลัยนครราชสีมา (2019)
17. Guest speaker the project of “การประชาสัมพันธ์ สาขาวิชาผลิตภัณฑ์เพื่อสุขภาพ และความงาม” ณ สถานีวิทยูธอมทรัพย์ครู โดยคณะวิทยาศาสตร์การแพทย์ วิทยาลัยนครราชสีมา (2019)
18. Guest speaker the project of “แนวทางการศึกษาในระดับบัณฑิตศึกษา” โดยคณะวิทยาศาสตร์การแพทย์ วิทยาลัยนครราชสีมา (2019)
19. Consultant of “การให้แนะนำ และเป็นที่ปรึกษาทางด้านผลิตภัณฑ์เพื่อสุขภาพ และความงาม” บ.เนเจอร์ล บิวตี้โหนดัย จำกัด โดยหน่วยบ่มเพาะวิสาหกิจ วิทยาลัยนครราชสีมา (2019)
20. Guest speaker the project of “๕๐ ปีชีวเคมี จากราชฐาน สู่นวัตกรรม” ภาควิชาชีวเคมี คณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่ (2018)
21. Member committee of “โครงการพัฒนาคุณภาพชีวิตผู้ป่วยโรคเบาหวานด้วยวิธีโภชนบำบัด” คณะวิทยาศาสตร์การแพทย์ มหาวิทยาลัยพะเยา ร่วมกับ โรงพยาบาลดอกคำใต้ และสถานีนานามัยตำบลสันโค้งพะเยา
22. Guest speaker the project of “การแปรรูปผลิตภัณฑ์น้ำมันหอมระเหยชนิดแคปซูลการกระเทียมที่ปลูกในจังหวัดพะเยา” สันโค้ง พะเยา
23. Guest speaker the project of “การทำโลชั่นสารสกัดข้าว และโลชั่นน้ำมันตะไคร้หอม” บ้านท่าทุ่งหลวง ลำพูน

Thai academic articles:

Article	Author	Journal	Issue	Date
ชากับสุขภาพช่องปาก	พพล แสนสมชัย	ชา	11	เม.ย.- มิ.ย.2556
เจลแต้มสิวจากสารสกัดชาและว่านค้ำควดดำ	พพล แสนสมชัย	ชา	14	เม.ย.-มิ.ย.2557

Special projects:

1. Alcohol gel for anti-corona virus, 2020
2. Syrup from longan, 2020
3. *Siamese cassia* for anti-hair loss shampoo, 2019
4. Development of glycerin soap base from coconut oil, 2018
5. Glycerin soap base from coconut oil, 2017
6. Red rice extract for serum, 2016
7. Red rice extract for lotion, 2015
8. *Cassia fistula* anti-aging products, 2014
9. Development of soap from alternative material, 2013
10. Antioxidant activity from garlic oil, 2012
11. Preliminary study of *Allium sativum* Linn. for cosmetic product, 2011
12. Comparison of odor in *Melissa spp.*, 2011
13. Solvent-dependent extraction of *Cuscuta chinensis* Lam. for sunscreen product, 2011
14. Antioxidant activity & total phenolic compound in *Eleutherin americana* (Aubl.) Merr., 2011
15. Preliminary study of *Eleutherin americana* (Aubl.) Merr., 2011
16. The chemical contaminations investigation in *Allium sativum*, 2011
17. Preliminary study of antimicrobial activity and stability of emulsions containing propolis ethanolic extract, 2011
18. Antimicrobial activity of decolorized propolis, 2011
19. Stability testing of the formulations added with propolis, 2011

20. Inhibition of *Streptococcus mutants* from extracts of green tea, black tea, and Oolong tea, 2011
21. Potential of new sunscreen product from *Cuscuta chinensis* Lam. extract, 2011
22. Free radical scavenging and cytotoxicity of *Tacca chantrieri* Andre and *Butea superba* Roxb., 2011
23. Comparison of odor volatile components on plants of Lamiaceae family, 2011
24. Preliminary study of antioxidant activities and total phenolic contents of *Curcuma* sp., 2011
25. Determination of nicotinic acid and ascorbic acid in cosmetic products, 2010
26. Trend of sunscreen using for men in Chiang rai, 2010
27. Odor composition of *Fafraca fragrans* Roxb. flower extracts for cosmetic products, 2010
28. Chemical compositions of *Biden pilosa* leaf and flower obtained by steam distillation and soxhlet extraction, 2009
29. Photoprotective, antioxidant activity and irritation test of *Cuscuta chinensis* Lam., 2009
30. The study on oxidation, antioxidant activity and its cream stability of *Wedeliia trilobata* (L.) Hitch crude ethanolic extract, 2009
31. The study on phenolic compounds and antioxidant activities of *Wedeliia trilobata* (L.) Hitch extracts obtained by solvent extraction, 2009
32. Essential oil from *Dendrocalamus strictus* (Roxb.) Nees for cosmetic product, 2009
33. The inhibition of *Malassazia furfur* by Thai medicinal plants, 2009
34. Extraction and cream formula development of *Cucurbita moschata* seed oil, 2009
35. Antimicrobial activity of *Ocimum tenuiflorum*, *Ocimum basilicum*, and *Ocimum americanum* extracts, 2009
36. The gel formula development containing *Tacca chantrieri* Andre ethanolic extract, 2009
37. Antimicrobial activity, cell toxicity and induction of collagen1 mRNA synthesis by *Schefflera actinophylla* (Endl.) Harms extracts, 2008
38. Encapsulation of Eugenol in Lecinol S-10 liposome, 2008