

CURRICULUM VITAE

PETCHARAT CHIANGSAEN



1. Personal Details

Sex: Female

Date of birth: 7th December 1989

Address: 56/2 Village No.1, Samo Khae Sub-district, Mueang Phitsanulok District, Phitsanulok Province, Thailand, Postcode 65000

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2. Current position

Oct 2022-Present Instructor, Department of Physiology, Faculty of Medicine, Srinakharinwirote University, Bangkok, Thailand, 10170

3. Member

Member of the Physiological Society of Thailand

4. Education

2017-2020 Ph.D. (Medical Physiology), Department of Physiology, Faculty of Medicine, Khon Kaen University, Thailand

2013 –2016 M.Sc. (Physiology) Department of Physiology, Faculty of Medical Science, Naresuan University, Thailand

2008 – 2012 B.Sc. (Biomedical Science), Faculty of Medical Science, Naresuan University, Thailand

2008 – 2012 B.B.A. (Business Management), Faculty of Business, Economics and Communications, Naresuan University, Thailand

5. Scholarship

2017-2020 Cardiovascular Research Group, Khon Kaen University, Khon Kaen, Thailand

2017-2020 Postgraduate scholarship for tuition fee, Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand

2019 The scholarship on type of poster presentation, Graduate School, Khon Kaen University, Khon Kaen, Thailand

6. Grants

The Invitation Research Grant, Faculty of Medicine, Khon Kaen University,
Khon Kaen, Thailand

7. Research Training

February - March 2020, Department of Physiology, Faculty of Medicine, Universidad
of Autonoma de Madrid, Madrid, Spain.

Supervisor: Associate Professor Dr. Silvia Arribas

8. Working Experiences

Nov 2020-Sep 2022 Lecturer, Department of Physiology Division, Preclinical Health
Science Center, Faculty of Medicine, Bangkokthonburi University,
Bangkok, Thailand, 10170

2016-2017 Scientists, Center for Animal Research, Naresuan University,
Phitsanulok, Thailand

2013 – 2014 Research Assistant, Department of Physiology, Faculty of Medical
Science, Naresuan University, Thailand

2012 Apprentice, Department of Clinical pathology,
Fort Somdet Pharnaresuan Maharat Hospital, Phitsanulok, Thailand

9. Research experiences

1. Reproductive Physiology
2. Testicular morphology
3. Erectile function study
4. Central nervous system screening
5. Biochemical assay
6. Western blot analysis
7. Antioxidant screening
8. HPLC

10. Publications

1. Potue P, **Chiangsaen P**, Maneesai P, Khamseekaew J, Pakdeechote P, Chankitisakul V, Boonkum W, Duanghaklang N, Duangjinda M. Effects of Thai native chicken breast meat consumption on serum uric acid level, biochemical parameters, and antioxidant activities in rats. *Sci Rep.* 2022 Aug 18;12(1):14056. doi: 10.1038/s41598-022-18484-2. PMID: 35982129; PMCID: PMC9388516.
2. Chanao B, Sararat T, **Chiangsaen P**, Phuthong S, Pakdeechote P, Maneesai P. Effects of Limonin on Vascular Function and Morphology in a Rat Model of Obesity. *Srinagarind Medical Journal.* 2022 (37, 2)
3. Maneesai P, Iampanichakul M, Chaihongsa N, Poasakate A, Potue P, Rattanakanokchai S, Bunbupha S, **Chiangsaen P**, Pakdeechote P. Butterfly Pea Flower (*Clitoria ternatea* Linn.) Extract Ameliorates Cardiovascular Dysfunction and Oxidative Stress in Nitric Oxide-Deficient Hypertensive Rats. *Antioxidants (Basel).* 2021 Mar 27;10(4):523.
4. Poasakate A, Maneesai P, Chiangsaen P, Bunbupha S, Settheetham-Ishida W, Pakdeechote P. *Cratoxylum formosum* dyer extract alleviates testicular damage in hypertensive rats. *Andrologia.* 2021 Mar;53(2):e13917. doi: 10.1111/and.13917. Epub 2020 Nov 26. PMID: 33244785.
5. **Chiangsaen P**, Poasakate A, Pakdeechote P, Maneesai P. Effect of Captopril on Erectile Dysfunction and Sperm Quality in Hypertensive Rats. *Srinagarind Medical Journal.* November 01, 2020 - December 31, 2020 (Volume 35, Number 6)
6. **Chiangsaen P**, Maneesai P, Kukongviriyapan U, Tong-Un T, Ishida W, Prachaney P, Pakdeechote P. Tangeretin ameliorates erectile and testicular dysfunction in a rat model of hypertension. *Reprod Toxicol.* 2020 May 30;96:1-10. doi: 10.1016/j.reprotox.2020.05.012. Epub ahead of print. PMID: 32479886.
7. **Chiangsaen P**, Taepavarapruk P, Wongwad E, Ingkaninan K, Taepavarapruk N. Screening of the central nervous system action of agarwood leaves extract in female ovariectomized rats. *MFUIC&KTCM.* 2016.

11. Presentations

- 2019 Tangeretin improves reproductive dysfunction in L-NAME-induced hypertensive male rats. (Poster presentation) *Pharmacology 2019*; 15th -17th December, 2019 Edinburgh International Conference Centre, Edinburgh, Scotland, United Kingdom

- 2019 The effect of tangeretin on reproductive dysfunction in male hypertensive rats (Poster presentation) The 35th Medicine Conference; 8th August, 2019 Khon Kaen University, Thailand
- 2019 Tangeretin Improves Reproductive Dysfunction in Hypertensive Male Rats. (Oral presentation) The 20th National Graduate Research Conference; 15th March, 2019 Khon Kaen University, Thailand
- 2016 Screening of the central nervous system action of agarwood leaves extract in female ovariectomized rats. (Proceeding, Oral presentation) Mae Fah Luang University International Conference 2016 (MFUIC2016) & A Kaleidoscope of Traditional and Complementary Medicines International Conference 2016 (KTCM2016); 23rd -25th November 2016 Mae Fah Luang University (MFU), Thailand
- 2015 Cognitive Enhancing Actions of Agarwood Leave Extract in Ovariectomized Rats. (Poster presentation) Nutraceuticals in Neurodegeneration and Aging 20th – 21st August 2015 Centre for Life Sciences, National University of Singapore (NUS), Singapore
- 2013 Relationship of the type of anticoagulant Ethylenediaminetetraacetic acid (EDTA) with blood in shape analysis, Red blood cell size and platelets. The 3rd MSAAM Medical Science Academic Annual Meeting 2013; Naresuan University, Phitsanulok (Oral presentation)

12. Awards

- 2020 Graduate Student Reputation Enhancement Award, the 21st National Graduate Research Conference, Khon Kaen University, Khon Kaen, Thailand
- 2019 Award for 1st Poster Presentaion in the 35th Medicine Conference, Khon Kaen University, Khon Kaen, Thailand
- 2019 Award for Oral Presentaion on the 20th National Graduate Research Conference, Khon Kaen University, Khon Kaen, Thailand
- 2016 Award for Oral Presentaion in Mae Fah Luang University International Conference 2016 and A Kaleidoscope of Traditional and Complementary Medicines International Conference 2016, Mae Fah Luang University, Chiang Rai, Thailand
- 2016 Bursary Award by Mae Fan Luang University and World Health Organization (WHO), Mae Fah Luang University, Chiang Rai, Thailand
- 2010 Distinguished Student in Extracurricular Activity Award, Naresuan University, Phitsanulok, Thailand

2010 Distinguished Student in Behavioral Performances Award, Naresuan University,
Phitsanulok, Thailand

13. Community engagement

2008 - 2012 Committee of Student Council, Naresuan University, Thailand

2013 - Present Member of Former Student Leader, Naresuan University, Thailand