

Curriculum vitae

Sirawit Sriwichaiin, MD

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Current position: Medical intern in Department of Physiology, Faculty of Medicine,
Chiang Mai University, Chiang Mai, Thailand

Researcher in Neurophysiology unit, Cardiac Electrophysiology
Research and Training Center, Faculty of Medicine, Chiang Mai
University, Chiang Mai, Thailand

Education

2012 – 2018 M.D. (first class honor): Faculty of Medicine, Chiang Mai University,
Chiang Mai, Thailand
GPA: 3.68

2006 – 2012 High school education
Strisrinan school, Nan, Thailand
GPA: 3.98

Working experiences

2018 – present Internship in Cardiac Electrophysiology Research and Training Center,
Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2018 – present Internship in Department of Physiology, Faculty of Medicine,
Chiang Mai University, Chiang Mai, Thailand.

Professional license

2018 – present M.D. (Thailand)

Organization and participation

2019 – present The Physiological Society of Thailand

Publications

Complete working paper

1. Maria Luca, Siriporn C Chattipakorn, **Sirawit Sriwichaiin**, Antonina Luca. Cognitive-Behavioural Correlates of Dysbiosis: A Review. *International Journal of Molecular Science* 2020; 21(14):4834
2. Sarayut Lahnwong, Siripong Palee, Nattayaporn Apaijai, **Sirawit Sriwichaiin**, Sasiwan Kerdphoo, Thidarat Jaiwongkam, Siriporn C Chattipakorn, Nipon Chattipakorn. Acute dapagliflozin administration exerts cardioprotective effects in rats with cardiac ischemia/reperfusion injury. *Cardiovascular Diabetology* 2020; 19(1):91
3. Duangkamol Mantor, Wasana Pratchayasakul, Wanitchaya Minta, Wissuta Sutham, Siripong Palee, Jirapas Sripetchwandee, Sasiwan Kerdphoo, Thidarat Jaiwongkam, **Sirawit Sriwichaiin**, Warunsorn Krintratun, Nipon Chattipakorn, Siriporn Chattipakorn. Both oophorectomy and obesity impaired solely hippocampal-dependent memory via increased hippocampal dysfunction. *Experimental Gerontology* 2018; 108:149-158

Work in progress

1. Cognitive Impairment is Negatively Associated with Mitochondrial Linked ATP Production in the Peripheral Blood Mononuclear Cells of Aged EGAT population
2. Pretreatment with Dapagliflozin provides neuroprotective effects following cardiac ischemic/reperfusion (I/R) injury by decreasing amyloid beta aggregation and blood-brain barrier breakdown

Conference proceeding, short papers and abstract

1. **Sriwichaiin S.**, Lahnwong S., Apaijai N., Chattipakorn K., Kerdphoo S., Jaiwongkam T., Chattipakorn N., Chattipakorn S. Pretreatment with Dapagliflozin provides neuroprotective effects following cardiac ischemic/reperfusion (I/R) injury by decreasing amyloid beta aggregation and blood-brain barrier breakdown. *Alzheimer's Association International Conference (AAIC) 2019, Los Angeles, USA*
2. **Sriwichaiin S.**, Apaijai N., Jaiwongkam T., Kerdphoo S., Pratchayasakul W., Palee S., Phrommintikul A., Kitiyakara C., Sritara P., Chattipakorn N., Chattipakorn S. Mitochondrial ATP-linked respiration in PBMCs is associated with cognition in Aged-EGAT population. *9th Federation of the Asian and Oceanian Physiological societies (FAOPS) congress, Kobe, Japan*
3. Theerajangkaphichai W., Tantiworawit A., Sripetchwandee J., Apaijai N., **Sriwichaiin S.**, Saiyasit N., Jinawong K., Arunsak B., Piriyaakuntorn P., Rattanathammethee T., Hantrakool S., Chai-Adisaksopha C., Rattarittamrong E., Norasetthada L., Charoenkwan P., Chattipakorn N., Chattipakorn S. Factor-Associated Risk Factors of Mild Cognitive Impairment in Thalassemia Patients : Probable Role of FGF21. *The American Society of Hematology (ASH) 2019 Annual Meeting*

International scientific conference participation

- March 2019 9th Federation of the Asian and Oceanian Physiological societies (FAOPS) congress, Kobe, Japan
- July 2019 Alzheimer's Association International Conference (AAIC) 2019, Los Angeles, USA

Scientific workshop participation

- August 2019 Workshop Microbial Genome Sequencing And Metagenome Analysis By Oxford Nanopore Technology, King Mongkut's University of Technology Thonburi, Bangkok, Thailand

Honors and Award

- 2019 AAIC 2019 Travel Fellowship
- 2016 International winter seminar 2016, Kagawa university, Faculty of medicine, Kagawa, Japan
- 2015 13th Inter-medical school Physiology Quiz (IMSPQ) candidate
- 2014 Top score in human nervous system 1, Chiang Mai University
Top score in human reproductive system, Chiang Mai University
Siriraj International Medical Microbiology, Parasitology and Immunology Competition (SIMPIC) 2019 candidate
- 2013 Top score in Hematology system, Chiang Mai University

Research fields of interest

1. Bioinformatics
2. Neuroscience