Curriculum Vitae

Sivaporn Sivasinprasasn, PhD.

ดร. ศิวาภรณ์ ศิวะศิลป์ประศาสน์

Office Address: 1) School of Medicine,
Mae Fah Luang University,
333 Moo1, Thasud, Muang District,
Chiang Rai, 57100, Thailand.
Phone: 66-53-916-576

2) Cardiac Electrophysiology Research and Training Center (CERT), Faculty of Medicine,
Chiang Mai University, 110 Intrawaroros Road,
Muang District, Chiang Mai, 50200, Thailand.
Phone: 66-53-945-329.

E-mail: sivapornsiva@gmail.com, sivaporn.siv@mfu.ac.th

Mobile Phone: +66-89-229-1594

Home Address: 211/147 Moobahn Seewalee-Klongchon,
Mae Hia, Meung District,
Chiang Mai, 50100, Thailand.

Education:

2015	Ph.D. (Physiology), Chiang Mai University, Chiang Mai, Thailand.
2009	Master of Science (Physiology), Chiang Mai University, Chiang Mai, Thailand.
2006	Bachelor of Science (Physical Therapy) (Honor), Chiang Mai University, Chiang Mai, Thailand.

Language education:

2007	Certificate of Korean Language Test
2007	Level 3 of Japanese Language Proficiency Test
2005	Level 4 of Japanese Language Proficiency Test

Organization and participation:

2014-present	The Endocrine Society
2006-2014	Thai Physical Therapy Council

Honor and Award:

2014	Poster Presentation Award, the 43rd Academic Conference of the Physiological Society of Thailand. 24 April 2014. Chonburee, Thailand.
2008	Scholarship from the Graduate School, Chiang Mai University, Chiang Mai, Thailand.

Professional Appointment:

2009-2015	Instructor, School of health Science, Mae Fah Luang University, Chiang Rai, 57100, Thailand.
2015-present	Instructor, School of Medicine, Mae Fah Luang University, Chiang Rai, 57100, Thailand.

Peer review Article:

1. Pratchayasakul W, **Sivasinprasasn S**, Sa-Nguanmoo P, Proctor C, Kerdphoo S, Chattipakorn N, Chattipakorn SC. Estrogen and DPP-4 inhibitor share similar efficacy in reducing brain pathology caused by cardiac ischemia-reperfusion injury in both lean and obese estrogen-deprived rats. Menopause. 2017 Mar 13. (Impact factor = **3.361**)
2. **Sivasinprasasn S**, Tanajak P, Pongkan W, Pratchayasakul W, Chattipakorn SC, Chattipakorn N. DPP-4 Inhibitor and Estrogen Share Similar Efficacy Against Cardiac Ischemic-Reperfusion Injury in Obese-Insulin Resistant and Estrogen-Deprived Female Rats. Sci Rep. 2017 Mar 10;7:44306. (Impact factor = **5.525**)
3. Pongkan W, Pintana H, Jaiwongkam T, Kredphoo S, **Sivasinprasasn** S, Chattipakorn SC, Chattipakorn N. Vildagliptin reduces cardiac ischemic-reperfusion injury in obese orchiectomized rats. J Endocrinol. 2016 Oct;231(1):81-95. (Impact factor = **4.498**)
4. **Sivasinprasasn S**, Sa-Nguanmoo P, Pongkan W, Pratchayasakul W, Chattipakorn SC, Chattipakorn N. Estrogen and DPP4 inhibitor, but not metformin, exert cardioprotection via attenuating cardiac mitochondrial dysfunction in obese insulin-resistant and estrogen-deprived female rats. Menopause. 2016 Jun 20. (Impact factor = **3.361**)

5. Pongkan W, Pintana H, **Sivasinprasasn S**, Jaiwongkam T, Chattipakorn S, Chattipakorn N. Testosterone deprivation accelerates cardiac dysfunction in obese male rats. J Endocrinol. 2016 Mar 21. (Impact factor = **4.498**)
6. **Sivasinprasasn S**, Shinlapawittayatorn K, Chattipakorn SC, Chattipakorn N. Estrogenic Impact on Cardiac Ischemic/Reperfusion Injury. J Cardiovasc Transl Res. 2016 Feb;9(1):23-39. (Impact factor = **3.197**)
7. Pratchayasakul W, Sa-Nguanmoo P, **Sivasinprasasn S**, Pintana H, Tawinvisan R, Sripetchwandee J, Kumfu S, Chattipakorn N, Chattipakorn SC. Obesity accelerates cognitive decline by aggravating mitochondrial dysfunction, insulin resistance and synaptic dysfunction under estrogen-deprived conditions. *Horm Behav*. 2015 Jun; 72:68-77. (Impact Factor = **4.511**)
8. **Sivasinprasasn S**, Sa-Nguanmoo P, Pratchayasakul W, Kumfu S, Chattipakorn SC, Chattipakorn N. Obese-insulin resistance accelerates and aggravates cardiometabolic disorders and cardiac mitochondrial dysfunction in estrogen-deprived female rats. *Age* (Dordr). 2015 Apr; 37(2):28. (Impact Factor = **3.390**)
9. Phrommintikul A, **Sivasinprasasn S**, Lailerd N, Chattipakorn S, Kuanprasert S, Chattipakorn N. Plasma urocortin in acute myocardial infarction patients. *Eur J Clin Invest.* 2010 Oct; 40(10):874-82. (Impact Factor = **3.018**)

Peer reviewed abstract

1. **Sivasinprasasn S**, Sangquanmoo P, Pratchasakul W, Shinlapawittayatorn K, Chattipakorn S, Chattipakorn N. High-Fat Diet Consumption Accelerated the Developments and Metabolic Disorders in Estrogen-Deprived Rats. *Endocrine Review* 2014;35(3):1060. (Impact Factor = **19.929**)
2. Piangkwan Sa-nguanmoo, Wasana Pratchayasakul, Hiranya Pintana, Jirapas Sripetchwandee, **Sivaporn Sivasinprasasn**, Sirinart Kumfu, Nattayaporn Apaijai, Jantira Sanit, Nipon Chattipakorn, and Siriporn C Chattipakorn. Obesity with Estrogen Deprivation Accelerates Brain Insulin Resistance and Aggravates Brain Mitochondrial Dysfunction. *Endocrine Review* 2014;35(3):13. (Impact Factor = **19.929**)
3. **Sivaporn Sivasinprasasn**, Piangkwan Sa-nguanmoo, Nattayaporn Apaijai, Wanpitak Pongkan, Wasana Pratchayasakul, Siriporn Chattipakorn and Nipon Chattipakorn. DPP-4 Inhibitor and Estrogen, But Not Metformin, Exert Cardioprotection Via Attenuating Cardiac Mitochondrial Dysfunction

in Obese-Insulin Resistant and Estrogen-Deprived Rats. *J Am Coll Cardiol.* 2015; 65(10_S). (Impact Factor = **16.503**)

4. **Sivaporn S**, Pongpan T, Wanpitak P, Wasana P, Siriporn CC, Nipon C. DPP-4 Inhibitor and Estrogen Attenuate Metabolic Dysfunction and Mitochondrial Impairment from Cardiac Ischemic-Reperfusion Injury in Obese-Insulin Resistant and Estrogen-Deprived Rats. Cardiometabolic Risk/Vascular Biology (posters): *Endocrine Society*; 2016:FRI-652-FRI-652.
5. Wanpitak P, Hiranya P, Sirinart K, Piangkwan S-n, Thidarat J, **Sivaporn S**, Siriporn CC, Nipon C. Testosterone Replacement Protects the Heart Against Ischemic-Reperfusion Injury and Preserves Cardiac Performance in Testosterone-Deprived Male Rats with Obese-Insulin Resistance. Male Reproductive Endocrinology and Male Reproductive Tract (posters): *Endocrine Society*; 2016:SAT-160-SAT-160.
6. Wasana P, **Sivaporn S**, Piangkwan S-n, Cicely P, Sasiwan K, Nipon C, Siriporn CC. Estrogen and DPP-4 Inhibitor Reduced Brain Oxidative Stress and Increased Dendritic Spine Density in Ovariectomized Obese and Non-Obese Rats with Cardiac Ischemia-Reperfusion Injury. Cardiometabolic Risk/Vascular Biology (posters): *Endocrine Society*; 2016:FRI-656-FRI-656.
7. Wasana P, **Sivaporn S**, Piangkwan S-n, Cicely P, Sasiwan K, Nipon C, Siriporn CC. Estrogen and DPP-4 Inhibitor Reduced Brain Oxidative Stress and Increased Dendritic Spine Density in Ovariectomized Obese and Non-Obese Rats with Cardiac Ischemia-Reperfusion Injury. Cardiometabolic Risk - Salt, Fat and Sex: *Endocrine Society*; 2016:PP03-01-PP03-01.

Presentation

Poster presentation:

1. Obesity Accelerated the Development of Cardiometabolic Disorders and Cardiac Mitochondrial Impairments in Estrogen-Deprived Rats. (Poster Presentation Award) The 43rd Academic Conference of the Physiological Society of Thailand. 24 April 2014. Chonburee, Thailand.
2. High-fat Diet Consumption Accelerated the Development of Cardiac Mitochondrial Impairments and Metabolic Disorders in Estrogen-deprived Rats. ICE/ENDO 2014. 21-24 June 2014. Chicago, IL, USA.
3. DPP-4 Inhibitor and Estrogen, But Not Metformin, Exert Cardioprotection Via Attenuating Cardiac Mitochondrial Dysfunction in Obese-Insulin Resistant and Estrogen-Deprived Rats. American College of Cardiology 64th Annual Scientific Session. 14-16 March 2015, in San Diego, CA, USA.
4. Testosterone Replacement Protects the Heart Against Ischemic-Reperfusion Injury and Preserves Cardiac Performance in Testosterone-Deprived Male

Rats with Obese-Insulin Resistance. ICE/ENDO 2016. 1-4 April 2016. Boston, MA, USA.

5. DPP-4 Inhibitor and Estrogen Attenuate Metabolic Dysfunction and Mitochondrial Impairment from Cardiac Ischemic-Reperfusion Injury in Obese-Insulin Resistant and Estrogen-Deprived Rats. ICE/ENDO 2016. 1-4 April 2016. Boston, MA, USA.
6. Estrogen and DPP-4 Inhibitor Reduced Brain Oxidative Stress and Increased Dendritic Spine Density in Ovariectomized Obese and Non-Obese Rats with Cardiac Ischemia-Reperfusion Injury. ICE/ENDO 2016. 1-4 April 2016. Boston, MA, USA.

Oral Presentation:

1. Plasma urocortin in acute myocardial infarction patients. The 37th Annual Scientific Meeting of the Physiology Society of Thailand, Chonburee, Thailand. May 2008.
2. Obesity Accelerated the Development of Cardiometabolic Disorders and Cardiac Mitochondrial Impairments in Estrogen-Deprived Rats. The 1st Annual Academic Conference, Department of Physiology, Faculty of Medicine, Chiang Mai University. 20 May 2014.
3. DPP-4 Inhibitor and Estrogen, But Not Metformin, Exert Cardioprotection Via Attenuating Cardiac Mitochondrial Dysfunction in Obese-Insulin Resistant and Estrogen-Deprived Rats. The 2nd Annual Academic Conference, Department of Physiology, Faculty of Medicine, Chiang Mai University. 25 May 2015.
4. Metabolic Syndrome and Estrogen Deprivation: Experiment on Cardiac Impact. The 6th Annual Meeting of the Thailand Research Fund's Senior Research Scholar Professor Dr. Nipon Chattipakorn. 10 July 2015.

Abstract:

1. Plasma urocortin in acute myocardial infarction patients. Proceeding to The 37th Annual Scientific Meeting of the Physiology Society of Thailand. May 2008.
2. High-fat Diet Consumption Accelerated the Development of Cardiac Mitochondrial Impairments and Metabolic Disorders in Estrogen-deprived Rats. Proceeding to Endocrine Society, ICE/ENDO2014. June, 2014.

3. Obesity Accelerated the Development of Cardiometabolic Disorders and Cardiac Mitochondrial Impairments in Estrogen-Deprived Rats. Proceeding to the 43rd Academic Conference of the Physiological Society of Thailand. April 2014.
4. DPP-4 Inhibitor and Estrogen, But Not Metformin, Exert Cardioprotection Via Attenuating Cardiac Mitochondrial Dysfunction in Obese-Insulin Resistant and Estrogen-Deprived Rats. Proceeding to the American College of Cardiology 64th Annual Scientific Session. San Diego, CA, USA. March 2015.
5. Testosterone Replacement Protects the Heart Against Ischemic-Reperfusion Injury and Preserves Cardiac Performance in Testosterone-Deprived Male Rats with Obese-Insulin Resistance. Proceeding to Endocrine Society, ICE/ENDO2016, April, 2016.
6. DPP-4 Inhibitor and Estrogen Attenuate Metabolic Dysfunction and Mitochondrial Impairment from Cardiac Ischemic-Reperfusion Injury in Obese-Insulin Resistant and Estrogen-Deprived Rats. Proceeding to Endocrine Society, ICE/ENDO2016, April, 2016.
7. Estrogen and DPP-4 Inhibitor Reduced Brain Oxidative Stress and Increased Dendritic Spine Density in Ovariectomized Obese and Non-Obese Rats with Cardiac Ischemia-Reperfusion Injury. Proceeding to Endocrine Society, ICE/ENDO2016, April, 2016.

Editorial committee:

2016 - วารสารวิจัย มข. (ฉบับบัณฑิตศึกษา) บัณฑิตวิทยาลัย มหาวิทยาลัยขอนแก่น

Academic Research:

1. Reliability of grip fatigue measurement by using PowerLab hand dynamometer. Faculty of Associated Medical Science, Chiang Mai University. 2005.

Academic Research Advisor and Co-advisor for B.Sc. students:

1. The reaction time between male smoker and non-smoker in Chiang Rai. School of health Science, Mae Fah Luang University. 2010.
2. The effects of Pilates training muscular flexibility and endurance in healthy females age among 18-25 years. School of health Science, Mae Fah Luang University. 2011.

3. Incremental shuttle walk test (ISWT) and Six-minute walk test (6MWT) in Thai obese females, age among 20-30 years. School of health Science, Mae Fah Luang University. 2011.
4. The effective of breathe max breathing device on respiratory muscle strength in female sedentary lifestyle. School of health Science, Mae Fah Luang University. 2011.
5. The effect of exercise by motorcycle's inner tube to increase physical fitness in elderly. School of health Science, Mae Fah Luang University. 2011.
6. Effect of respiratory muscle strength and chest expansion between overweight and normal-weight Thai women. School of health Science, Mae Fah Luang University. 2011.
7. The effect of gym ball exercise to increase spinal stabilization in low back pain subject, School of health Science, Mae Fah Luang University. 2011.

Research Field of Interest:

1. Cardiac Electrophysiology
2. Cardiac Endocrinology
3. Hormone therapy

……