Curriculum Vitae

Juntima (Pattamanont) Pleumsamran, PhD

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Marital Status: Married

EDUCATION

1993-1995	High School (Science Major), Khemasiri Memorial School, Thailand
1995-1999	B.Sc. (Nursing), Mahidol University, Thailand
1999-2002	M.Sc. (Physiology), Chulalongkorn University, Bangkok, Thailand
2015-2018	Ph.D. (Medical Science), Kagawa University, Kagawa, Japan

SPECIAL TRAINING

2005-2006	Research Fellows at the Jefferson Headache Center, Thomas Jefferson University, Philadelphia, USA

Honors and Awards

2008-2015	JSPS Ronpaku fellow, Department 0f Cell Physiology, Faculty of Medicine, Kagawa University, Kagawa, Japan
2017	The JICA partnership program, Collaboration project, Kagawa University, Kagawa, Japan

PROFESSIONAL APPOINTMENT

2002-2016	Instructor, Department of Physiology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand
2016-present	Assistant Professor, Department of Physiology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

ORGANIZATION AND PARTICIPATION

2001-present	Thai Microcirculation society, Thailand
2004-present	The Northern Neuroscience Center, Thailand
2008-present	Japan Society for the Promotion of Science, Japan
2015-present	Thai Headache Society, Thailand

PROFESSIONAL ACTIVITIES

Critical Reviewer of Manuscripts for:

Siriraj Medical Journal; Manuscript No: 09-014, Title: Impaired systemic fibrinolysis, nitric oxide level and electrical stimulation treatment in healthy rats after permanent right carotid artery occlusion.

PRESENTATIONS AT NATIONAL MEETINGS

Aug, 2001 "Microvascular response to cortical spreading depression" at the Thai Microcirculation meeting: Role of Microcirculation in Different Pathogenesis, Bangkok, Thailand

Dec, 2001 "Further evidence supporting role of nitric oxide in cortical spreading depression-evoked cerebral hyperemia" at the 3rd Thai Microcirculation annual meeting, Bangkok, Thailand

PRESENTATIONS AT INTERNATIONAL MEETINGS

June, 2002 "Nitric oxide is responsible for cerebral microvascular changes during cortical spreading depression" at the 6th European Headache Federation Congress, Istanbul, Turkey

March, 2018 "Effect of Botulinum Toxin Type A on the Activation of Trigeminovascular Nociceptive System" at the 95th Annual Meeting of the Physiological Society of Japan, Kagawa, Japan

INVITED SPEAKER

Dec, 2016 "Migraine: From mechanism to treatment" at the Chiang Mai Headache Winter Conference 2016, Chiang Mai, Thailand

Dec, 2017 "Practical headache update: Basic science update" at the Chiang Mai Headache Winter Conference 2017, Chiang Mai, Thailand

ACADEMIC ACTIVITIES

Special Academic Appointments

2004-Present Medical Curriculum Advisory Committee, Faculty of Medicine, Chiang Mai University, Thailand

RESEARCH FIELDS OF INTEREST

1. Migraine Headache
2. Microcirculation
3. Neurophysiology
4. Electrophysiology

PEER REVIEWED ARTICLES

1. Maneesri S, Pattamanont J, Patumraj S, Srikaitkhachorn A. Cortical spreading depression, meningeal inflammation and trigeminal nociception. Neuroreport 2004; 15(10): 1623-7.
2. Praputpittaya C, Pleumsamran J, Duangjai A. Electromagnetic radiation from mobile phone causes no oxidative stress to the brain. Asian Biomedicine Vol. 2 No. 6 December 2008; 507-510.

3. Maneesri S, Supornsilchai W, Saengiaroentham C, Pleumsamran J, Srikiatkhachorn A. Effect of serotonin depletion on cortical spreading depression evoked cerebrovascular changes. Asian Biomedicine Vol.4 No.5 October 2010; 731-738.
4. Pleumsamran J, Ronran H, Maneesri S, Mingmalairak S, Pleumsamran A. Effect of alpha lipoic acid on hyperemia and trigeminovascular nociceptive activity induced by cortical spreading depression. Chaing Mai Med J 2015; 54(4): 185-96.
5. Ruanpang J, Pleumsamran A, Pleumsamran J, Mingmalairak S. Effect of high-fat diet on depression-like behavior and the relationship between cholesterol level and depression like behavior in mice. CMU J Nat Sci 2018; 17(2): in press.
6. Pleumsamran J, Pleumsamran A, Le Grand SM, Chankrachang S, Yamaguchi F, Kamitori K, Hossain A, Noguchi C, Sui L, Katagi A, Dong Y, Tokuda M. The role of calcitonin gene-related peptide in migraine prevention by botulinum toxin type A. Neurology Asia; March 2018: in press.

PROCEEDINGS

1. Ronran H, Pleumsamran A, Le Grand SM, Mingmalairak S, Pleumsamran J. Effect of Alpha Lipoic Acid on Hyperemia Induced by Cortical Spreading Depression. PROCEEDINGS: International Graduate Research Conference 2013, 163-169.
2. Ruanpang J, Mingmalairak S, Pleumsamran J, Pleumsamran A. Effect of Rosuvastatin on the Development of Depression-Like Behaviors in Rats Fed with High-fat Diet. PROCEEDINGS: the 6th International Graduate Research Conference 2017, 14-20.

CONFERENCE SHORT PAPERS AND ABSTRACTS

1. Pattamanont J, Maneesri S, Patumraj S, Srikiatkhachorn. Cortical spreading depression induces cerebral hyperemia but not perivascular inflammation. Cephalalgia 2003; 23: 649.
2. Srikiatkhachorn A, Maneesri S, Pattamanont J, Patumraj S. Nitric oxide scavenging may explain the potential antimigraine effect of melatonin. Cephalalgia 2003; 23: 645.
3. Le Grand SM, Supornsilpchai W, Pattamanont J, Patumraj S, Sanrangsirikul S, Srikiatkhachorn A. Inhibitory effect of L-NAME on CSD-induced trigeminal nociception: Vascular vs. Neuronal mechanism. J Headache Pain 2006; 7: S15.
4. Oshinsky M, Pattamanont J, Luo J. Isovaleraminde inhibits the induction of and reverses central sensitization in the trigeminal nucleus caudalis. The 48th Annual Scientific Meeting of the American Headache Society 2006
5. Maneesri S, Supronsilpchai W, Pleumsamran J, Srikaitkhachorn A. Relationship between serotonin and nitric oxide in control of trigeminalvascular system. Neuroscience Research Meeting of Thailand Research Fund 2009
6. Pleumsamran J, Pleumsamran A, Le Grand SM, Chankrachang S, Tokuda M. Effect of Botulinum Toxin Type A on the Activation of Trigeminovascular Nociceptive System. The 95th Annual Meeting of the Physiological Society of Japan 2018