

Curriculum Vitae

Name Assistant Professor Amporn Jariyapongskul

Education

2000 PhD (Physiology), Faculty of Medicine, Chulalongkorn University, Thailand

1997 MSc (Physiology) Faculty of Medicine, Chulalongkorn University, Thailand

1987 BSc (Nursing) Thai Red Cross Nursing Colleague, Bangkok, Thailand

Office Department of Physiology, Faculty of Medicine, Srinakharinwirot University

Awards

1995 Young Investigator Award” at the 2nd Asian Congress for Microcirculation (Beijing, China)

2001 Outstanding Presentation Award (Biomedical Science) at 2nd Congress for Graduate Meeting

2008 Outstanding Presentation Award” at the 7th Asian Congress for Microcirculation (Taian, China).

2012 Outstanding pre-clinical instructor, Faculty of Medicine, Srinakharinwirot University

2015 Outstanding Publication 2015, Faculty of Medicine, Srinakharinwirot University.

Publications

Original articles

1. **Jariyapongskul A** , Niimi H , Patumraj S. Cerebral microcirculation response to hemorrhagic hypotension in spontaneously diabetic rats:an intravital fluorescence microscopic analysis. Proc The Sixth World Congress for Microcirculation, Monduzzi Editores S.p.A 1996:977-982.

2. Niimi H ,**Jariyapongskul A** ,and Minamino N. Vasodilatory response of Adrenomedullin on rat cerebral arterioles: an intravital microscopic analysis. Proc The Sixth World Congress for Microcirculation, Monduzzi Editores S.p.A 1996:709-712.

3. **Jariyapongskul A** , Niimi H , Kasantikul V, Maneesri S, Patumraj S. Morphological changes of cerebral microcirculation in streptozotocin-induced diabetic rats;pilot studies of in vivo fluorescence and electron microscopy. Proc The Third Asian Congress for Microcirculation, Monduzzi Editores S.p.A Bologna (Italy) 1997:239-245.
4. Kasantikul V, **Jariyapongskul A** , Patumraj S. Computer-assisted image analysis of microvasculature in benign and malignant gliomas: Proc The Third Asian Congress for Microcirculation, Monduzzi Editores S.p.A Bologna (Italy) 1997:61-66.
5. Somboonwong J, Thanamittramane S, **Jariyapongskul A** , Patumraj S. Therapeutic effects of *Aloe vera* on cutaneous microcirculation and Wound healing in second burn model in Rats. J Med Assoc Thai 2000;83:417--425.
6. Patumraj S, Tewit S, Amatayakul S, Maneesri S, **Jariyapongskul A**, Kasantikul V, Shepro D. Comparative effects of Garlic and Aspirin on diabetic Cardiovascular complication. Drug Delivery 2000;7:1-6.
7. **Jariyapongskul A** ,Patumraj S, Yamaguchi S, Niimi H. The effect of long-term supplementation of vitamin C on leukocyte adhesion to the cerebral endothelium in STZ-induced diabetic rats. Clinical Hemorrhheological and Microcirculation 2002;27(1):67-76.
8. **Jariyapongskul A** ,Nakano a, Yamaguchi S, Nageswari K, Niimi H. Maturity of pericytes in cerebral neocapillaries induced by growth factors:fluorescence immuno-histochemical analysis using confocal laser microscopy. Clinical Hemorrhheological and Microcirculation 2003;29 (3-4):417-21.
9. **Jariyapongskul A** ,Patumraj S, Niimi H. Cerebral endothelial dysfunction in diabetes:intravital microscopic analysis using streptozotocin-induced diabetic rats. Clinical Hemorrhheological and Microcirculation 2003;29(3-4):331-5.
10. **Jariyapongskul A**, Pathumraj S, and Niimi H. Effects of Yahom on the regional cerebral blood flow in rat using fluorescence videomicroscopy. Clinical Hemorrhheological and Microcirculation 2006;34 :139-144
11. **Jariyapongskul A** , Rungjaroen T, Kasetsuwan N, Pathumraj S, and Niimi H. Chronic changes of the iris microvasculature of streptozotocin-induced diabetic rats using fluorescence videomicroscopy. Clinical Hemorrhheological and Microcirculation 2006;34 :283-293

12. **Jariyapongskul A**, Rungjaroen T, Kasetsuwan N , Patumraj S, Seki J, Niimi H. Long-term effects of oral vitamin C supplementation on the endothelial dysfunction in the iris microvessels of diabetic rats. *Microvascular Research* 2007;74:32-38
13. **Jariyapongskul A**, Yamaguchi S, Patumraj S. Long-term effects of oral vitamin C administration improves cerebral microvascular vasodilatory impairment in diabetes: in vivo evidence using diabetic rats. *Asian Biomed.* 2007;1:159-166
14. **Jariyapongskul A**, Patumraj S, Suksumrarn A. Long-term effect of tetrahydrocurcumin supplementation on cerebral blood flow and endothelial cells in streptozotocin-induced diabetic rats. *Asian Biomed.* 2008;2:151-5.
15. Montree Udompataikul, Montri Wongniraspai, Udomsri Showpittapornchai, **Amporn Jariyapongskul**. The study on effects and safety of *Spongilla lacustris* in 3% hydrogen peroxide solution on rat skin. *J Med Assoc Thai.* 2012;S15-S2015.
16. Ussawawongaraya W, Spilles N, Nilwarangkoon S, **Jariyapongskul A**. The correlation of parathyroid hormone and heart rate variability in CAPD patients. *J Med Assoc Thai.* 2013;S595-S602
17. Ussawawongaraya W, Woraratsoontorn P, Nilwarangkoon S, **Jariyapongskul A**. The correlation of heart rate variability with parathyroid hormone in hemodialysis patients with secondary hyperparathyroidism. *Thammasat Medical Journal* 2014;14:153-161
18. **Amporn Jariyapongskul**, Chonticha Areebambud, Sunit Suksamrang, and Chantana Mekseepralard. Alpha-Mangostin Attenuation of Hyperglycemia-Induced Ocular Hypoperfusion and Blood Retinal Barrier Leakage in the Early Stage of Type 2 Diabetes Rats. *BioMed Research International* . 2015; ArticleID785826