

## Curriculum Vitae

**Name** Associate Professor Punnee Nusuetrong

### Degrees

2001 PhD (Biopharmaceutical Sciences), Chulalongkorn University, Thailand

1990 MSc (Physiology), Faculty of Medicine, Mahidol University, Thailand

1983 BSc (Nurse&Midwifery), Mahidol University, Thailand

**Office** Department of Physiology, Faculty of Medicine, Srinakharinwirot University

### Awards

2013 2013 Outstanding Alumni Awards, Phattharayan Witthaya School, the secondary educational service area office 9, Nakhon Pathom Province, Thailand

2008 Grant from University Mobility in Asia and the Pacific (UMAP)

2004 PSWC2004 Student Travel Grant

2004 Grant from The Network of Genetics, Bioinformatics, Bioactive compound, Thailand

### Books

1. Punnee Nusuetrong, Orapin Gerdprasert. Anatomy and Physiology of Endocrine System (printed in Thai), Chulalongkorn University Press, Thailand, 2012.

### Publications

#### Original articles

1. **Nusuetrong P**, Sotanaphun U, Tep-Areenan P. Effects of Phikud Navakot extract on vascular reactivity in the isolated rat aorta. *Journal of the Medical Association of Thailand* 95 Suppl 12:S1-S7, 2012.
2. Sapsrithong T, Kaewprem W, Tongumpai S, **Nusuetrong P**, Meksuriyen D. *Cissus quadrangularis* ethanol extract upregulates superoxide dismutase, glutathione peroxidase and endothelial nitric oxide synthase expression in hydrogen peroxide-injured human ECV304 cells. *Journal of Ethnopharmacology* 143 (2): 664-672, 2012.

3. **Nusuetrong P**, Saito M, Kikuchi H, Oshima Y, Moriya T, Nakahata N. Apoptotic effects of satratoxin H is mediated through DNA double-stranded break in PC12 cells. *Journal of Toxicological Sciences* 37 (4): 803-812, 2012.
4. **Nusuetrong P**, Suwannasual U, Meksuriyen D. Spermidine-induced apoptosis via reactive oxygen species generation and caspase 3 activation in mouse P19 embryonal carcinoma cells. *International Journal of Pharmacology* 2010. ISSN 1811-7775 online
5. Chantong B, Buranasinsup S, Toniti P., Suttiyotin P, Sirimanapong W, **Nusuetrong P**. Efficacy of extracts of Thai medicinal plants as an anesthetic on carp fish (*Cyprinus carpio*). *Planta Medica* 76 (12): 593, 2010.
6. **Nusuetrong P**, Chantong B, Pramyothin P, Meksuriyen D. *Trigonostemon reidioides* extracts induced apoptosis in mouse P19 embryonic carcinoma cells. *Drug Metabolism Reviews* 41: 49, 2009.
7. Chantong B, Wongtongtair S, **Nusuetrong P**, Sotanaphun U, Chaichantipyuth C, Meksuriyen D. Stability of barakol under hydrolytic stress conditions and its degradation product. *Planta Medica* 75: 346-350, 2009.
8. **Nusuetrong P**, Pengsuparp T, Meksuriyen D, Tanitsu M, Kikuchi H, Mizugaki M, Shimazu K, Oshima Y, Nakahata N, Yoshida M. Satratoxin H generates reactive oxygen species and lipid peroxides in PC12 cells. *Biol Pharm Bull* 31: 1115-1120, 2008.
9. **Nusuetrong P**, Yoshida M, Tanitsu MA, Kikuchi H, Mizugaki M, Shimazu K, Pengsuparp T, Meksuriyen D, Oshima Y, Nakahata N. Involvement of reactive oxygen species and stress-activated MAPKs in satratoxin H-induced apoptosis. *Eur J Pharmacol* 507: 239-246, 2005.
10. Yoshida M, **Nusuetrong P**, Nakahata N. Involvement of glutathione-sensitive p38 MAPK activation in satratoxin H-induced apoptosis in PC12 cells. *J Pharmacol Sci* 97: 146 Supplement 1, 2005.
11. Yoshida M, **Nusuetrong P**, Nakahata N. Participation of reactive oxygen species and MAPK in satratoxin H-induced apoptosis in PC12 cells. *J Pharmacol Sci* 94: 135 Supplement 1, 2004.

### Review literature

1. Chantong B, **Nusuetrong P**. Possible involvement of glucocorticoid in mycotoxin-induced neuroinflammation. *Journal of Applied Animal Science*; 8(1): 17-28, 2015.

### Article for Small and Medium-Sized Enterprises (SMEs)

1. Punnee Nusuetrong. Title “ระบบทดสอบฤทธิ์ของสมุนไพรต่อระบบหัวใจและหลอดเลือด” In Proceeding Book “นวัตกรรมผลิตภัณฑ์สมุนไพรตามข้อกำหนดสำนักงานคณะกรรมการอาหารและยา และประชาคมเศรษฐกิจอาเซียน” 7 August 2014, Century Park Hotel, Bangkok, Thailand By Office of National Research Council of Thailand and Chulalongkorn University Drug and Health Products Innovation & Promotion Center, Faculty of Pharmaceutical Sciences, Chulalongkorn University, Publication by สามลดา Press, Bangkok, p28-30, 2014.