

CURRICULUM VITAE

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EDUCATION:

1999 – 2003 PhD (Physiology & Pharmacology), School of Biomedical Sciences,
Queen’s Medical School, The University of Nottingham, UK

1991 - 1995 M.Sc (Physiology), Chiang Mai University, Chiang Mai, Thailand

1986 - 1990 B.N.S. (Nursing), Chiang Mai University, Chiang Mai, Thailand

WORK EXPERIENCE:

2006 – present Assistant Professor of Physiology, Department of Physiology
Faculty of Medicine, Srinakrarinwirot University, Thailand

1995 - 1999 Lecturer of Physiology, Department of Physiology
Faculty of Medicine, Srinakrarinwirot University, Thailand

1995 - 1995 Lecturer of Physiology, Department of Biology
Faculty of Science, Huachew Chalermprakert University, Thailand

MEMBERSHIP OF ACADEMIC SOCIETY:

2009 – present The Asian Pacific Society for Neurochemistry

1996 – present Thai Neuroscience Society (TNS)

1997 - present The Physiological Society of Thailand

AWARDS /SCHOLARSHIPS :

1999-2003	Thai government Scholarship
1999-2000	The University of Nottingham Scholarship
2000	Newby Trust Ltd
2000	The best poster presentation in School of Biomedical Sciences
1999 - 2001	The University Scholarship for young staff development
1999	The BFWG Charitable Foundation
1994	The Postgraduate Scholarship

RESERCH INTERESTS

- Neuropharmacology of the essential oil used to reduce stress
- Determination of stress biomarkers in saliva
- Mechanism of action of natural products used in the treatment of depression and anxiety

PUBLICATIONS:

ORIGINAL PAPERS

- **Saiyudthong S**, Thongsaard W, Marsden CA. Acute effects of barakol and serotonergic drugs on exploratory behaviour in rats. Journal of Medicine and Health Sciences. Faculty of Medicine, Srinakharinwirot University 2005 12 (3): 76-84.
- **Saiyudthong S**, Ausavarungnirun R, Jiwajinda S, Turakitwanakan W. Effects of aromatherapy massage with lime essential oil on stress. International Journal of Essential oil Therapeutics. 2009; 3: 76-80.
- Turakitwanakan W, **Saiyudthong S**, Srisurapanon S, Anurutwong A. Comparative study of depression between gifted children and normal children. J Med Assoc Thai. 2010; 93 (2): S9-S14.
- **Saiyudthong S**, Suwannarat P, Trongwongsa T, Srisurapanon S. Comparison between ECL and ELISA for the detection of salivary cortisol and determination of the relationship between cortisol in saliva and serum measured by ECL. ScienceAsia 2010; 36(2): 169-171.

- **Saiyudthong S**, Marsden CA. Acute effects of bergamot oil on anxiety-related behaviour and corticosterone level in rats. *Phytother Res.* 2011; 25(6): 858-62.
- **Saiyudthong S**, Pongmayteegul S, Marsden CA, Phansuwan-Pujito P. Anxiety-like behaviour and c-fos expression in rats that inhaled vetiver essential oil. *Nat Prod Res.* 2015; 2: 1-4.

ABSTRACTS

- **Saiyudthong S**, Visanji N, Bennett GW and Marsden CA. Effects of St. John's Wort on amine uptake and behaviour. *J Psychopharmacology* 2000; 14 (3): A75. Oral presentation at Summer meeting of British Association of Psychopharmacology (BAP), 16–19 July 2000, Cambridge, UK.
- **Saiyudthong S**, Thompson C, Beckett S, Bennett GW and Marsden CA. Effects of *Hypericum perforatum* on dopamine function. *Behavioural Pharmacology* 2001; 12 (1): S87-88. Poster presentation at 1st joint meeting between European Brain and Behaviour Society & European Behavioural Pharmacology Society, 8 - 12 September 2001, Marseille, France.
- **Saiyudthong S**, Patil P, Wasuntarawat C, Bennett GW and Marsden CA. Effect of acute and sub-chronic *Hypericum perforatum* treatment on plasma stress-induced corticosterone. *Int J Neuropsychopharmacol* 2002; 5: S104. Poster presentation the XXIII CINP Congress. 23-27 June 2002, Montreal, Canada.
- **Saiyudthong S**, Patil P, Wasuntarawat C, Bennett GW and Marsden CA. Effects of acute and chronic *Hypericum perforatum* treatment on corticosterone stress response. *J Psychopharmacology* 2002; 16: A39. Poster presentation at Summer meeting of (British Association of Psychopharmacology, 21-24 July 2002, Harrogate, UK.
- **Saiyudthong S**, Beckett S, Bennett GW and Marsden CA. The acute effects of St. John's wort (LI 160) on c-fos expression. Poster Presentation at the sixth IBRO world congress of neuroscience, 10-15 July 2003, Prague, Czech Republic.
- **Saiyudthong S** and Marsden CA. Effects of bergamot essential oil on anxiety-related behavior in rats. Poster Presentation at the 38th International Symposium on Essential oil, 10-12 September 2007, Graz, Austria.
- **Saiyudthong S** and Phansuwan-Pujito P. Effects of vetiver oil on anxiolytic properties. Abstract book 2007; 340. Poster Presentation at Meeting between

Junior Scientists and Senior Scientists by TRF (The Thailand Research Fund) 11-13 October 2007, Pataya, Thailand.

- **Saiyudthong S** and Phansuwan-Pujito P. The anxiolytic effects of vetiver oil are not associated with stress-induced corticosterone release. Abstract book; 2008; **457**. Poster Presentation at Meeting between Junior Scientists and Senior Scientists by TRF (The Thailand Research Fund) 11-13 October 2008, Cha-am, Thailand.
- Turakitwanakan W, **Saiyudthong S** and Srisurapanon S. Comparative study of depression between gifted children and non gifted children. Journal of Medicine and Health Sciences. Faculty of Medicine, Srinakharinwirot University 2008 15 (1), 184.
- **Saiyudthong S**, Ausavarungrun R, Jiwajinda S, Turakitwanakan W (2009). Stress and blood pressure following aromatherapy massage with lime essential oil. Journal of Neurochemistry 110(2), 243. Poster Presentation at the 22nd Biennial Meeting of the International Society for Neurochemistry (ISN) and Asia Pacific Society for Neurochemistry (APSN) Joint Meeting” 25-28 August 2009, Busan, Korea.
- **Saiyudthong S**, Suwannarat P, Trongwongsa T, Srisurapanon S. A comparison between ECL and ELISA for measuring salivary cortisol. Int J Neuropsychopharmacol 2010; 10: 211. Poster presentation the XXVII CINP Congress. 6-10 June 2010, Hongkong.
- **Saiyudthong S**, Pongmayteegul S, Showpittapornchai U, Phansuwan-Pujito P. Acute effect of vetiver oil on stress-induced anxiety-like behaviour, c- fos expression and corticosterone release. Oral presentation “The 2nd Annual International Conference on Neuroscience and Neurobiology Research (CNN)”