CURRICULUM VITAE

Name: Mrs. Pansiri Phansuwan (-Pujito)

Title: Professor

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Education:

1993	Postdoctoral fellow, Institute of Medical Anatomy, The Panum Institute, University of Copenhagen, Denmark
1990	PhD. (Anatomy), Mahidol University, Thailand.
1979	Msc. (Zoology), Chulalongkorn University,Thailand.
1976	Bsc. (Biology), Chulalongkorn University, Thailand.

Employment:

2019-now	Vice Chairman and Committee of Higher Education Commission
2014-now	Subcommittee on Higher Education in The Committee on Education and Sport of National Assembly
2016-2518	Chairman of the Vice Presidents for Academic Affairs Meeting, Council of the University President of Thailand
2014	Chairman of the Education Reform Working Group, Council of the University President of Thailand
2011-now	Vice President for Academic Affairs, Srinakharinwirot University (SWU)
2012-2014	Acting Dean of International College for Sustainability Studies, SWU
2009	Professor in Anatomy
2008-2010	President, Anatomy Society of Thailand
1995-2007	Vice Dean for Academic Affairs, Faculty of Medicine, SWU

2000-2003	Adjunct Associate Professor Department of Pharmacology, Physiology and Therapeutics School of Medicine, University of North Dakota
1995	Associate Professor in Anatomy, SWU
1986-1995	Assistant Professor, Department of Anatomy,SWU
1984-1986	Assistant Professor, Department of Biology, Faculty of Science, Chiang Mai University
1979-1983	Lecturer, Department of Biology, Faculty of Science, Chiang Mai University

Scholarships and Fellowships:

2005-now	Thailand Research Fund (TRF) through Royal Golden Jubilee PhD Program 7-10
1992-1993	Post-doctoral fellowship Scheme from the International Scientific Cooperation Unit of the Directorate General XII, Science, Research and Development of the Commission of the European Communities
1989-1990	Research fellowship from International Brain Research Organization (IBRO)/UNESCO to do a research at Department of Medical Anatomy, The Panum Institute, Denmark
1989-1990	Research fellowship from the King Parjadipok and Queen Rambhi Barni Memorial Foundation, Thailand
1976-1979	Academic scholarship for graduated study from University Developmental Committee (UDC) of Thailand
1973-1975	Academic scholarship for outstanding student from Biological Program of Chulalongkorn University

Awards:

2017	Award from The Thailand Research Fund “Excellency Research: Melatonin and Other Factors Affect the Brain’aging and Alzheimer’sdisease”

2016	Award “Outstanding Alumni” The Graduated School, Mahidol University
2015	Award “Outstanding Alumni” Department of Anatomy, Mahidol University
2012	Award from the National Research Council of Thailand “Excellent Research in Chemistry and Pharmacology: Mechanism of Amphetamine on Neurons in Neurodegenerative Disorder”
2010	Award “Outstanding Senior Researcher in Medical Science” Srinakharinwirot University
2009	Award “Outstanding Researcher” Faculty of Medicine, SWU
2008	Award “Outstanding Teacher in Medical Science” Academic Staff Committee, Srinakharinwirot University
2006	Award “Outstanding Teacher 2006” Faculty of Medicine, Srinakharinwirot University
2002	Poster Presentation Award: Biological Science (LM) presented at The 3rd ASEAN Microscopic Conference and the 19th Annual Conference of The Electron Microscopy Society of Thailand
1991	Award “Professor Elizibeth C. Crosby” From the Anatomical Society of Thailand for outstanding Researcher in Neurobiology.
1976	Gold medal from “Professor Dr. Tab Foundation” for outstanding graduated student in Biological Program

Memberships:

1 Thai Neuroscience Society (Committee, 2000-now)

2 Microscopic Society of Thailand (Scientific committee, 2002-now)

3 Anatomy Society of Thailand (President, 2008-2010)

4 Thai Comparative Endocrinology and Evolution Society

5 European Pineal and Circadian Rhythm Society

6 International Brain Research (IBRO)

7 Federal Asian-Oceania Neuroscience Society

8 The Asian Pacific Society for Neurochemistry

Book:

1. Govitrapong P, Mukda S, Chetsawang B, Phansuwan-Pujito P. Neural regulation of melatonin synthesis. In: Pandi-Perumal SR et al, editors. Melatonin: From Molecules to Therapy. New York: Nova Science Publishers Inc; 2007. P. 81-115.
2. Phansuwan Pansiri. Pineal gland: From anatomy to molecular biology. Pp.313. (in Thai)

Publications:

1. Govitrapong P, Phansuwan-Pujito P, Ebadi M. Existence of muscarinic cholinergic receptors sites in bovine pineal gland. **Adv Pineal Res** 1989; 3:123-126.
2. Govitrapong P, Phansuwan-Pujito P, Ebadi M. Studies on the properties of muscarinic cholinergic receptor sites in bovine pineal gland. **Comp Biochem Physiol** 1989;94:159-164
3. Phansuwan-Pujito P, Govitrapong P, Ebadi M. Choline acetyltransferase in bovine pineal gland. **J Pineal Res** 1990;9:29-38
4. Phansuwan-Pujito P, Mikkelson JD, Govitrapong P, Møller M. A cholinergic innervation of the bovine pineal gland visualized by immunohistochemical detection of choline acetyltransferase (ChAT)-immunoreactive nerve fibers. **Brain Res** 1991; 545:49-58.
5. Phansuwan-Pujito P, Govitrapong P, Ebadi M. Inhibitory actions of muscarinic cholinergic receptor agonists of serotonin N-acetyltransferase in bovine pineal explants in culture. **Neurochem Res** 1991;8:885-889.
6. Ebadi M, Simonneux V, Phansuwan-Pujito P. Govitrapong P, Murrin LC, Bylund DB. Pharmacological regulation of receptor mediated indolamine metabolism in mammalian pineal gland. In: **Role of melatonin and pineal peptides in neuromodulation**. Fraschini F, Reiter RJ, eds. Plenum Press. New York. 1991; 35-46.
7. Møller M., Mikkelsen J, Phansuwan-Pujito P. Demonstration of nerve fibers immunoreactive to met-enkephalin and β-endorphin in the bovine pineal gland. In: **Role of melatonin and pineal peptides in neuro-immunomodulation.** Fraschini F, Reiter RJ, eds. Plenum Press, NewYork. 1991;15-25
8. Møller M, Ravault J-P, Cozzi B, Zhang ET, Phansuwan-Pujito P, Larsen PJ, Mekkelsen JD. The multineuronal input to the mammalian pineal gland. **Adv Pineal Res** 1991; 6:3-12.
9. Ebadi M, Govitrapong P, Phansuwan-Pujito P, Prapapanich V, Samejima M. The action of serotonin in synchronizing pineal gland event. **Adv Pineal Res** 1991;6:3-12

10. Møller M, Mikkelsen, JD, Holst JJ, Phansuwan-Pujito P. Somatostatin and prosomatostatin immunoreactive nerve fibers in the bovine pineal gland. **Neuroendocrinology** 1992; 56:278-283.
11. Phansuwan-Pujito P, Pramualkijja S, Govitrapong P, Møller M. An imunohistochemical study of neuropeptide-Y in the bovine pineal gland. **J Pineal Res** 1993; 15:53-58.
12. Phansuwan-Pujito P, Govitrapong P, Kotchabhakdi N, Møller M. The neuronal systems in the mammalian pineal gland. **Progress in Comparative Endocrinology**. The Second International Symposium of Asia and Oceania Society for Comparative Endocrinology, 1993; 226-229.
13. Govitrapong P, Phansuwan-Pujito P, Møller M, Kotchabhakdi N, Ebadi M. Regulation for transmitters and peptides in regulating and modulating pineal functions. **Progress in Comparative Endocrinology**, The Second International Symposium of Asia and Oceania Society for Comparative Endocrinology. 1993; 142-144.
14. Møller M, Phansuwan-Pujito P, Larsen PJ, Mikkelsen JD, Ravault J-P. Experimental neuroanatomical studies of the central innervation of the mammalian pineal gland. **Progress in Comparative Endocrinology**, The Second International Symposium of Asia and Oceania Society for Comparative Endocrinology, 1993: 223-225.
15. Ebadi M, Paritanonth M, Phansuwan-Pujito P, Govitrapong P. Pineal opioid receptors modulate melatonin-associated analgesia. **FASEB J** 1993; 7:882.
16. Møller M, Phansuwan-Pujito P, Govitrapong P, Schmidt P. Indications for a central innervation of the bovine pineal gland with substance P-immunoreactive nerve fibers. **Brain Res** 1993; 611:347-351.
17. Phansuwan-Pujito P, Larsen PJ, Møller M. Expression of muscarinic receptors of subtype m_1 in the rat pineal gland. **Adv Pineal Res** 1994; 8:207-213.
18. Møller M, Phansuwan-Pujito P, Pramualkijja S, Kotchabhakdi N, Govitrapong P. Innervation of the cat pineal gland by neuropeptide Y-immunoreactive nerve fibers: An experimental immunohistochemical study. **Cell Tiss Res** 1994; 276:545-550.
19. Møller M, Phansuwan-Pujito P, Mick G. Expression of neurotransmitter receptor subtypes and subunits in the mammalian pineal gland. In: **The Pineal Gland and Its Hormone**. Fraschini F et al, eds. Plenum Press, New York. 1995:1-11.
20. Wechabanjong N, Apinhasmit W, Phansuwan P. Cat's vallate papilla. **C.U. Dent J** 1995; 18:71-79.

21. Panha S, Phansuwan P. The influence of mantle and neurosecretory cells on pearl formation in a freshwater pearl mussel, *Chamberlainia hainesiana*, induced by the nucleated technique. **Malacological Review** 1996; 29:113-129.
22. Møller M, Phansuwan-Pujito P, Morgan KC, Badiu C. Localization and diurnal expression of mRNA encoding the beta-1-adrenoceptor in the rat pineal gland: an *in situ* hybridization study. **Cell Tiss Res** 1997; 288:279-284.
23. Phansuwan-Pujito P, Jitjaijamjang W, Ebadi M, Govitrapong P, Møller M. Opioid innervation of the tree shrew pineal gland: an immunohistochemical study. **J Pineal Res** 1998; 24:209-214.
24. Ebadi M, Govitrapong P, Phansuwan-Pujito P, Nelson F, Reiter RJ. Pineal opioid receptors and analgesic action of melatonin. **J Pineal Res** 1998; 24:193-200.
25. Govitrapong P, Jitjaijamjang W, Chetsawang B, Phansuwan-Pujito P, Ebadi M. The existence and function of opioid receptors on mammalian pinealocytes. **J Pineal Res** 1998; 24:201-208.
26. Chetsawang B, Casolotti SO, Phansuwan-Pujito P, Kotchabhakdi N, Govitrapong P. Gene expressions of opioid receptors and G-proteins in pineal glands. **Biochem Biophys Res Commun** 1999;263:775-80.
27. Phansuwan-Pujito P, Møller M, Govitrapong P. Cholinergic innervation and function in the mammalian pineal gland. **Microsc Res Tech** 1999; 46:281-95.
28. Srikiatkhachorn A, Anuntasethakul T, Maneesri S, Phansuwan-Pujito P, Patumraj S, Kasantikul V. Hyposerotonin-induced nitric oxide supersensitivity in the cerebral microcirculation. **Headache** 2000 Apr; 40(4):267-75.
29. Srikiatkhachorn A, Anuntasethakul T, Phansuwan-Pujito P, Patumraj S, Kasantikul V. Effect of serotonin depletion on nitric oxide induced cerebrovascular nociceptive response. **Neuroreport** 2001 Apr 17; 12(5):967-71.
30. Srikiatkhachorn A, Suwattanasophon C, Ruangpattanatawee U, Phansuwan-Pujito P. 5 -HT2A receptor activation and nitric oxide synthesis: a possible mechanism determining migraine attacks. **Headache** 2002; 42(7):566-74.
31. Jongkamonwiwat N, Phansuwan-Pujito P, Sarapoke P, Chetsawang B, Casalotti SO, Forge A, Dodson H, Govitrapong P. The presence of opioid receptors in rat inner ear. **Hearing Research** 2003; 181(1-2):85-93.
32. Phansuwan-Pujito P, Saleema L, Mukda S, Tongjaroenbuangam W, Jutapakdeegul N, Casalotti SO, Forge A, Dodson H, Govitrapong P. The opioid receptors in inner ear of different stages of postnatal rats. **Hearing Research** 2003, 184(1-2):1-10.

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34. Phansuwan-Pujito P, Thammikul S, Sithigornkul P, Govitrapong P. Demonstration of amino acid neurotransmitter innervation in human pineal gland. **Science Asia** 2003; 29:235-239.
35. Tongjaroenbungam W, Jongkamonwiwat N, Cunningham J, Phansuwan-Pujito P, Dodson HC, Forge A, Govitrapong P, Casalotti SO. Opioid modulation of GABA release in the rat inferior colliculus. **BMC Neuroscience** 2004; 5:31.
36. Phansuwan-Pujito P, Govitrapong P, Møller M. Immunohistochemical demonstration of opioids and tachykinins in human pineal gland. **J Med Assoc Thai** 2005;88 (Suppl 1):S56-S65.
37. Phansuwan-Pujito P, Ebadi M, Govitrapong P. Immunocytochemical characterization of delta- and mu-opioid receptor protein in the bovine pineal gland. **Cell Tis Organ** 2006; 182 (1): 48 – 56.
38. Jongkamonwiwat, N, Phansuwan-Pujito, P, Casalotti, S.O. Forge, A, Dodson HC, Govitrapong, P. The existence of opioid receptors in the cochlea of quinea pigs. **Eur J Neurosci** 2006; 23: 2701–2711.
39. Phansuwan-Pujito P, Boontem P, Chetsawang B, Ebadi M, Govitrapong P. Dopamine transporter immunoreactive terminals in the bovine pineal gland. **Neurosc Letter** 2006;403 (1-2):78-83.
40. Chetsawang B, Putthaprasart C, Phansuwan-Pujito P, Govitrapong P. Melatonin protects against hydrogen peroxide-induced cell death signaling in SH-SY5Y cultured cells: involvement of nuclear factor kappa B, Bax and Bcl-2. **J Pineal Res** 2006; 41: 116-23.
41. le Grand S M, Patumrajb S, Phansuwan-Pujito P , and Srikiatkhachorn A. Melatonin inhibits cortical spreading depression-evoked trigeminal nociception. **NeuroReport** 2006 Nov; 17(16):1709-13.
42. Tongjaroenbungam W, Jongkamonwiwat N, Phansuwan-Pujito P, Casalotti SO, Forge A, Dodson HC, Govitrapong P. Relationship of opioid receptors with GABAergic neurons in the rat inferior colliculus. **Eur J Neurosci** 2006; 24: 1987–1994.
43. Ajjimaporn A, Phansuwan-Pujito P, Ebadi M, Govitrapong P. Zinc protects SK-N-SH cells from methamphetamine-induced α-synuclein expression. **Neurosc Letter** 2007May 23; 419(1):59-63. Epub 2007 Apr 19. (Impact factor =2.092)

44. .Klongpanichapak S, Phansuwan-Pujito P, Ebadi M, Govitrapong P. Melatonin protects SK-N-SH neuroblastoma cells from amphetamine-induced neurotoxicity. **J Pineal Res.** 2007Aug;; 43(1): 65-73.

45. Klongpanichapak S, Phansuwan-Pujito P, Ebadi M, Govitrapong P. Melatonin inhibits amphetamine-induced increase in α-synuclein and decrease in phosphorylated tyrosine hydroxylase in SK–N–SH cells. **Neurosc Letter** 2008 May 16; 436(3): 309-13. Epub 2008 Mar 25. (IF =2.092)

46. Wisessmith W, Phansuwan-Pujito P, Govitrapong P Chetsawang B. Melatonin reduces induction of Bax, caspase and cell death in methamphetamine-treated human neuroblastoma SH-SY5Y cultured cells. **J Pineal Res.** 2009 May; 46(4): 433-40. (IF = 5.056)

47. Wongchitrat P, Felder-Schmittbuhl M, Phansuwan-Pujito P, Pevet P, Simonneaux V. Endogenous rhythmicity of Bmal1 and Rev-erbα in the hamster pineal gland is not driven by norepinephrine. **Eur J Neurosci** 2009 May;29(10):2009-16. Epub 2009 May 9.

48. Boonsinsukh R, Panichareon L, Phansuwan-Pujito P. Light touch cue through a cane improves pelvic stability during walking in stroke. **Arch Phys Med Rehabil**. 2009 Jun; 90(6): 919-26. **(IF=2.159)**

49. Kaewsuk S, Sae-Ung K, Phansuwan-Pujito P, Govitrapong P. Melatonin attenuates methamphetamine-induced reduction of tyrosine hydroxylase, synaptophysin and growth-associated protein-43 levels in the neonatal rat brain. **Neurochem Int**. 2009 Nov; 55(6): 397-405. Epub 2009 May 4 (IF=3.076)

50. Jutapakdeegul N, Afadlal S, Polaboon N, Phansuwan-Pujito P, Govitrapong P. Repeated restraint stress and corticosterone injections during late pregnancy alter GAP-43 expression in the hippocampus and prefrontal cortex of rat pups. **Int J Dev Neurosci**. 2010 Feb; 28(1): 83-90. Epub 2009 Sep 24. (IF=2.593)

51. Suwanjang W, Phansuwan-Pujito P, Govitrapong P, Chetsawang B. The protective effect of melatonin on methamphetamine-induced calpain-dependent death pathway in human neuroblastoma SH-SY5Y cultured cells. **J Pineal Res** 2010; 48: 94-101. Epub 2009 Dec 30. (IF = 5.209)

52. Sotthibundhu A, Phansuwan-Pujito P, Govitrapong P. Melatonin increases proliferation of cultured neural stem cells obtained from adult mouse subventricular zone. **J Pineal Res** 2010 Oct; 49(3): 291-300. Epub 2010 Jul 19. (IF = 5.209)

53. Wongchitrat P, Felder-Schmittbuhl MP, Govitrapong P, Phansuwan-Pujito P, Simonneaux V. A noradrenergic sensitive endogenous clock is present in the rat pineal gland. **Neuroendocrinology** 94(1): 75-83. Epub 2011 Apr 22. (IF=3.272)

54. Boonsinsukh R, Panichareon L, Saengsirisuwan V, Phansuwan-Pujito P. Clinical identification for the use of light touch cues with a cane in gait rehabilitation poststroke. **Top Stroke Rehabil.** 2011 Nov-Dec; 18(6): 633-42.

55. Sae-ung K, Uéda K, Govitrapong P, Phansuwan-Pujito P. Melatonin reduces the expression of alpha-synuclein in the dopamine containing neuronal regions of amphetamine-treated postnatal rats. **J Pineal Res** 2012 Jan; 52(1):128-37. doi: 10.1111/j.1600-079X.2011.00927.x. Epub 2011 Aug 18. (IF = 5.855)

56. Suwanjang W, Phansuwan-Pujito P, Govitrapong P, Chetsawang B. Calpastatin reduces calpain and caspase activation in methamphetamine-induced toxicity in human neuroblastoma SH-SY5Y cultured cells. **Neurosci Lett.** 2012 Sep 20;526(1):49-53. Epub 2012 Aug 7.

57. Wongchitrat P, Govitrapong P, Phansuwan-Pujito P. The expression of *Per1* and *Aa-nat* genes in the pineal gland of postnatal rats. **J Med Assoc Thai** 2012; 95 (Suppl. 12): S69-S75.

58. Wongchitrat P, Mukda S, Phansuwan-Pujito P, Govitrapong P. Effect of amphetamine on the clock gene expression in rat striatum. **Neurosci Lett.** 2013 Mar 18. doi:pii: S0304-3940(13)00214-0. 10.1016/j.neulet.2013.03.009.

59. Møller M, Phansuwan-Pujito P, Badiu Corin. Neuropeptide Y in the Adult and Fetal Human Pineal Gland. **BioMed Research International** 2014, Article ID 868567, 7 pages (http://dx.doi.org/10.1155/2014/868567).

60. Saiyudthong S, Pongmayteegul S, Marsden CA, Phansuwan-Pujito P. Anxiety-like behaviour and c-fos expression in rats that inhaled vetiver essential oil.

61. Pramong R, Wongchitrat P, Govitrapong P, Phansuwan-Pujito P. Postnatal Development of Clock Genes Expression in Rat Hippocampus. J Med Assoc Thai 2015; 98 (Suppl. 9): S123-S129.

62. Krityakiarana W, Sompup K, Jongkamonwiwat N, Mukda S, Pinilla FG, Govitrapong P, Phansuwan-Pujito P. Effects of melatonin on severe crush spinal cord injury-induced reactive astrocyte and scar formation. J Neurosci Res. 2016; 94 (12):1451-1459. doi: 10.1002/jnr.23930. Epub 2016 Sep 26. PMID: 27717042

63. Leeboonngam T, Pramong R, Sae-Ung K, Govitrapong P, Phansuwan-Pujito P. Neuroprotective effects of melatonin on amphetamine-induced dopaminergic fiber degeneration in the hippocampus of postnatal rats. J Pineal Res. 2018 Apr; 64(3). doi: 10.1111/jpi.12456. Epub 2017 Dec 4. PMID: 29149481 (IF = 10.391)

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