

## นางจินตนาภรณ์ วัฒนธร

1 ตำแหน่งทางวิชาการ รองศาสตราจารย์

2 ประวัติการศึกษา

ระดับ	ชื่อปริญญา (สาขาวิชา)	ชื่อสถาบัน ประเทศ	ปี พ.ศ. ที่จบ
ปริญญาตรี	วท.บ. (พยาบาลศาสตร์) (เกียรตินิยม)	มหาวิทยาลัยมหิดล	2526
ปริญญาโท	วท.ม. (สรีรวิทยา)	มหาวิทยาลัยมหิดล	2529
ปริญญาเอก	ปร.ด. (ประสาทวิทยาศาสตร์)	มหาวิทยาลัยมหิดล	2537

3 ผลงานทางวิชาการ

3.1 ตำรา หนังสือ หรือเอกสารประกอบการสอน (ย้อนหลัง 5 ปี)

หนังสือ

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3.2 งานวิจัย (ย้อนหลัง 5 ปี)

### ผลงานตีพิมพ์วารสารวิชาการระดับนานาชาติ

1. Sutralangka C, Wattanathorn J. Neuroprotective and cognitive-enhancing effects of the combined extract of *Cyperus rotundus* and *Zingiber officinale*. BMC Complement Altern Med. 2017; 17(1): 135.
2. Thipkaew C, Wattanathorn J, Muchimapura S. Electrospun Nanofibers Loaded with Quercetin Promote the Recovery of Focal Entrapment Neuropathy in a Rat Model of Streptozotocin-Induced Diabetes. Biomed Res Int. 2017; 2017: 2017493.
3. Morakotsriwan N, Wattanathorn J, Kirisattayakul W, Chaisiwamongkol K. Autistic-Like Behaviors, Oxidative Stress Status, and Histopathological Changes in Cerebellum of Valproic Acid Rat Model of Autism Are Improved by the Combined Extract of Purple Rice and Silkworm Pupae. Oxid Med Cell Longev. 2016; 2016: 3206561.
4. Prabsattroo T, Wattanathorn J, Somsapt P, Sriragool O. Positive Modulation of Pink *Nelumbo nucifera* Flowers on Memory Impairment, Brain Damage, and Biochemical Profiles in Restraint Rats. Oxid Med Cell Longev. 2016; 2016: 5789857.
5. Wattanathorn J, Sutralangka C. Novel Food Supplement "CP1" Improves Motor Deficit, Cognitive Function, and Neurodegeneration in Animal Model of Parkinson's Disease. Rejuvenation Res. 2016; 19(4): 273-85.
6. Khongrum J, Wattanathorn J. Laser Acupuncture Improves Behavioral Disorders and Brain Oxidative Stress Status in the Valproic Acid Rat Model of Autism. J Acupunct Meridian Stud. 2015; 8(4): 183-91.
7. Phunchago N, Wattanathorn J, Chaisiwamongkol K. *Tiliacora triandra*, an Anti-Intoxication Plant, Improves Memory Impairment, Neurodegeneration, Cholinergic Function, and Oxidative Stress in Hippocampus of Ethanol Dependence Rats. Oxid Med Cell Longev. 2015; 2015: 918426.

8. Roengrit T, Wannanon P, Prasertsri P, Kanpetta Y, Sripanidkulchai BO, Wattanathorn J, et al. Antioxidant effect of *Phyllanthus amarus* after moderate-intensity exercise in sedentary males: a randomized crossover (double-blind) study. *J Phys Ther Sci*. 2015; 27(4): 1181-6.
9. Wattanathorn J, Thiraphatthanavong P, Muchimapura S, Thukhammee W, Lertrat K, Suriharn B. The Combined Extract of *Zingiber officinale* and *Zea mays* (Purple Color) Improves Neuropathy, Oxidative Stress, and Axon Density in Streptozotocin Induced Diabetic Rats. *Evid Based Complement Alternat Med*. 2015; 2015: 301029.
10. Prabsattroo T, Wattanathorn J, Iamsaard S, Somsapt P, Sritragool O, Thukhummee W, et al. *Moringa oleifera* extract enhances sexual performance in stressed rats. *J Zhejiang Univ Sci B*. 2015; 16(3): 179-90.
11. Phunchago N, Wattanathorn J, Chaisiwamongkol K, Muchimapura S, Thukham-Mee W. Acupuncture reduces memory impairment and oxidative stress and enhances cholinergic function in an animal model of alcoholism. *J Acupunct Meridian Stud*. 2015; 8(1): 23-9.
12. Thiraphatthanavong P, Wattanathorn J, Muchimapura S, Thukham-mee W, Lertrat K, Suriharn B. The combined extract of purple waxy corn and ginger prevents cataractogenesis and retinopathy in streptozotocin-diabetic rats. *Oxid Med Cell Longev*. 2014; 2014: 789406.
13. Sungkamanee S, Wattanathorn J, Muchimapura S, Thukham-mee W. Antiosteoporotic effect of combined extract of *Morus alba* and *Polygonum odoratum*. *Oxid Med Cell Longev*. 2014; 2014: 579305.
14. Wattanathorn J, Sutralangka C. Laser Acupuncture at HT7 Acupoint Improves Cognitive Deficit, Neuronal Loss, Oxidative Stress, and Functions of Cholinergic and Dopaminergic Systems in Animal Model of Parkinson's Disease. *Evid Based Complement Alternat Med*. 2014; 2014: 937601.
15. Iamsaard S, Arun S, Burawat J, Sukhorum W, Wattanathorn J, Nualkaew S, et al. Phenolic contents and antioxidant capacities of Thai-Makham Pom (*Phyllanthus emblica* L.) aqueous extracts. *J Zhejiang Univ Sci B*. 2014; 15(4): 405-8.
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17. Thiraphatthanavong P, Wattanathorn J, Muchimapura S, Wipawee TM, Wannanon P, Terdthai TU, et al. Preventive effect of *Zea mays* L. (purple waxy corn) on experimental diabetic cataract. *Biomed Res Int*. 2014; 2014: 507435.
18. Sutralangka C, Wattanathorn J, Muchimapura S, Thukham-mee W. *Moringa oleifera* mitigates memory impairment and neurodegeneration in animal model of age-related dementia. *Oxid Med Cell Longev*. 2013; 2013: 695936.
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21. Prasertsri P, Roengrit T, Kanpetta Y, Tong-Un T, Muchimapura S, Wattanathorn J, et al. Cashew apple juice supplementation enhanced fat utilization during high-intensity exercise in trained and untrained men. *J Int Soc Sports Nutr.* 2013; 10(1): 13.
22. Iamsaard S, Prabsattroo T, Sukhorum W, Muchimapura S, Srisaard P, Uabundit N, et al. Anethum graveolens Linn. (dill) extract enhances the mounting frequency and level of testicular tyrosine protein phosphorylation in rats. *J Zhejiang Univ Sci B.* 2013; 14(3): 247-52.
23. Peth-Nui T, Wattanathorn J, Muchimapura S, Tong-Un T, Piyavhatkul N, Rangseekajee P, et al. Effects of 12-Week Bacopa monnieri Consumption on Attention, Cognitive Processing, Working Memory, and Functions of Both Cholinergic and Monoaminergic Systems in Healthy Elderly Volunteers. *Evid Based Complement Alternat Med.* 2012; 2012: 606424.
24. Jittiwat J, Wattanathorn J. Ginger pharmacopuncture improves cognitive impairment and oxidative stress following cerebral ischemia. *J Acupunct Meridian Stud.* 2012; 5(6): 295-300.
25. Thukham-Mee W, Wattanathorn J. Evaluation of Safety and Protective Effect of Combined Extract of Cissampelos pareira and Anethum graveolens (PM52) against Age-Related Cognitive Impairment. *Evid Based Complement Alternat Med.* 2012; 2012: 674101.
26. Kaewkaen P, Tong-Un T, Wattanathorn J, Muchimapura S, Kaewrueng W, Wongcharoenwanakit S. Mulberry Fruit Extract Protects against Memory Impairment and Hippocampal Damage in Animal Model of Vascular Dementia. *Evid Based Complement Alternat Med.* 2012; 2012: 263520.
27. Wattanathorn J, Muchimapura S, Tong-Un T, Saenghong N, Thukhum-Mee W, Sripanidkulchai B. Positive Modulation Effect of 8-Week Consumption of Kaempferia parviflora on Health-Related Physical Fitness and Oxidative Status in Healthy Elderly Volunteers. *Evid Based Complement Alternat Med.* 2012; 2012: 732816.
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29. Sriraksa N, Wattanathorn J, Muchimapura S, Tiamkao S, Brown K, Chaisiwamongkol K. Cognitive-enhancing effect of quercetin in a rat model of Parkinson's disease induced by 6-hydroxydopamine. *Evid Based Complement Alternat Med.* 2012; 2012: 823206.

### 3.3 บทความทางวิชาการ -

#### 4 ประสบการณ์การสอนระดับอุดมศึกษา 30 ปี

ภาระงานสอน

ระดับปริญญาตรี

- 367 213 PHYSIOLOGY FOR ASSOCIATED MEDICAL SCIENCE STUDENTS
- 367 213 PHYSIOLOGY FOR ASSOCIATED MEDICAL SCIENCE STUDENTS (โครงการพิเศษ)
- 367 214 PHYSIOLOGY FOR PUBLIC HEALTH STUDENTS
- 367 215 PHYSIOLOGY FOR DENTAL STUDENTS
- 367 216 PHYSIOLOGY FOR PHARMACEUTICAL SCIENCE STUDENTS
- 367 216 PHYSIOLOGY FOR PHARMACEUTICAL SCIENCE STUDENTS (ภาคสมทบ)
- 367 216 PHYSIOLOGY FOR PHARMACEUTICAL SCIENCE STUDENTS (หลักสูตรนานาชาติ)
- 367 217 PHYSIOLOGY FOR PHYSICAL EDUCATION
- 367 219 PHYSIOLOGY FOR PHYSICAL THERAPY
- 367 229 NEUROPHYSIOLOGY FOR PHYSIOTHERAPY STUDENTS
- 367 339 PHYSIOLOGY OF EXERCISE FOR PT
- 367 418 PHYSIOLOGY FOR RADIOLOGICAL TECHNOLOGY
- พ 3102 สรีรวิทยาสำหรับนักศึกษาวิทยาลัยพยาบาลบรมราชชนนี ขอนแก่น  
**ระดับปริญญาโท**
- 356 713 LABORATORY TECHNIQUES IN MEDICAL SCIENCES
- 367 715 SYSTEMS PHYSIOLOGY
- 367 716 INTEGRATIVE PHYSIOLOGY
- 367 722 ADVANCED CARDIOVASCULAR PHYSIOLOGY
- 367 723 ADVANCED PULMONARY PHYSIOLOGY
- 367 725 ADVANCED ENDOCRINE PHYSIOLOGY
- 367 728 ADVANCED REPRODUCTIVE PHYSIOLOGY
- 367 729 ADVANCED MUSCULAR PHYSIOLOGY
- 367 730 EXERCISE PHYSIOLOGY
- 367 733 CARDIOPULMONARY PHYSIOLOGY
- 367 734 ENDOCRINE AND REPRODUCTIVE PHYSIOLOGY
- 367 739 SELECTED TOPICS IN PHYSIOLOGY II
- 367 891 SEMINAR IN PHYSIOLOGY I
- 367 892 SEMINAR IN PHYSIOLOGY II
- 367 899 THESIS

**ระดับปริญญาเอก**

- 356 713 LABORATORY TECHNIQUES IN MEDICAL SCIENCES
- 367 991 SEMINAR IN PHYSIOLOGICAL SCIENCES I
- 367 992 SEMINAR IN PHYSIOLOGICAL SCIENCES II
- 367 993 SEMINAR IN PHYSIOLOGICAL SCIENCES III

367 715 SYSTEMS PHYSIOLOGY  
367 716 INTEGRATIVE PHYSIOLOGY  
367 722 ADVANCED CARDIOVASCULAR PHYSIOLOGY  
367 723 ADVANCED PULMONARY PHYSIOLOGY  
367 725 ADVANCED ENDOCRINE PHYSIOLOGY  
367 728 ADVANCED REPRODUCTIVE PHYSIOLOGY  
367 729 ADVANCED MUSCULAR PHYSIOLOGY  
367 730 EXERCISE PHYSIOLOGY  
367 733 CARDIOPULMONARY PHYSIOLOGY  
367 734 ENDOCRINE AND REPRODUCTIVE PHYSIOLOGY  
367 739 SELECTED TOPICS IN PHYSIOLOGY II  
367 997 DISSERTATION  
367 998 DISSERTATION  
367 999 DISSERTATION