

CURRICULUM VITAE

WUTTHINAN THIRATHANANON, Ph.D. (Medical Physiology)

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Education:

- 2000 B.Ed. in Secondary Education (General Science & Biology), Faculty of Education, Chulalongkorn University, Bangkok, Thailand.
- 2004 M.Sc. in Physiology, Department of Physiology, Faculty of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand.
- 2024 Ph.D. in Medical Physiology, Department of Physiology, Faculty of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand.

Awards & Scholarships:

- 2002 National Science and Technology Development Agency (NSTDA) Scholarship.
- 2010 The Siriraj Graduate Thesis Scholarship.
- 2011 The Vejdusit Foundation's Scholarship (under the Royal patronage of H.R.H Princess Kalayaniwatana Kromluangnaradhiwasrajnagarindra).
- 2018 Best presentation award of the 95th annual meeting of the physiological society of Japan.

Professional Experience:

- 2000-2001 Secondary school teacher, Rajinee School, Bangkok, Thailand.
- 2005-2008 Researcher, Malaria Unit, Collage of Public Health Sciences Chulalongkorn University, Bangkok, Thailand.
- 2004-2008 Extra lecturer, Faculty of Medicine, Thammasat University (Rangsit campus), Phatumthani, Thailand.
- 2018-2024 Assistant researcher, Department of Physiology, Faculty of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand.
- 2024-2025 Senior scientist, NirvaMed Inc.
- 2025-present Head of Research Programme, Newton Sixth Form, Bangkok, Thailand.

Research Interest:

1. Roles of endothelial ion channels in health and diseases.
2. Isometric tension recording
3. Nailfold capillaroscopy

Original Articles:

1. Theerathananon W, Francois JJ, Zongram O, Pumpaibool T, Hounnaklang N, Seugorn A, et al. Prevalence of G6PD deficiency in malaria endemic area: Case study in Bonti sub-district, Sai Yok district, Kanchanaburi province, Thailand. *J Health Res* 2010; 24(suppl): 55-62.
2. Watanapa WB, Theerathananon W, Akarasereenont P, Techatraisak K. Effects of preeclamptic plasma on potassium currents of human umbilical vein endothelial cells. *Reprod Sci.* 2012; 19(4):391-9.
3. Theerathananon W, Watanapa WB, Wataganara T, Pratumvinit B, Rahman S, Preeclamptic serum and soluble fms-like tyrosine kinase-1 suppress endothelial inward rectifier potassium currents. *Placenta* 2024; 146:101-9.

Conferences:

1. Poster presentation "Development of Freshly Dissociated Human Umbilical Vein Endothelial Cell Preparation for Electrophysiological Studies". 42nd Annual Scientific Meeting, the Physiological Society of Thailand, Trends in Physiological Teaching and Research towards AEC. April 24-26, 2013.
2. Poster presentation "Fresh Isolation of Human Umbilical Vein Endothelial Cells for Electrophysiological Studies". International Conference in Medicine and Public Health (ICMPH) 2013 "Healthy Society Beyond Frontiers", Faculty of Medicine Siriraj Hospital, Mahidol University. June 24-28, 2013.
3. Oral presentation "Effect of sFlt-1 and Preeclampsia Serum on Umbilical Vein Endothelial Inward Rectifier Potassium Current Alterations. The 95th Annual Meeting of Physiological Society of Japan. Takamatsu, Kagawa, Japan. March 28-30, 2018.

References:

1. Assoc. Prof. Dr. Wattana B. Watanapa

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