

Dr. Supin Chompoopong is a Professor in Anatomy at Department of Anatomy, Faculty of Medicine Siriraj Hospital, Mahidol University. She has taught Human Anatomy to more than 6000 medical students in the last 20 years. She was the past president of the Anatomy Association of Thailand and past president of Microscopy Society of Thailand. She has also received Siriraj awards including the Siriraj Glorification Award 2011 and Siriraj Honorary Award 2016. Her research interests have been focused on Neuroscience and Clinical Anatomy. She has published mostly in international journals including surgical, radiological and clinical anatomy, neuroprotection in neurodegenerative animal models and nutraceutical especially germinated brown rice, marine algae and astragaloside IV.

The selected publication:

1. Standardized Extract of *Centella asiatica* Prevents Fear Memory Deficit in 3xTg-AD Mice.
2. Pairojana T, Phasuk S, Tantisira MH, Liang KC, Roytrakul S, Pakaprot N, Chompoopong S, Nudmamud-Thanoi S, Ming Y, Liu IY. *Am J Chin Med*. 2023;51(2):329-353. doi: 10.1142/S0192415X23500179. Epub 2023 Jan 25. PMID: 36695831
3. Germinated brown rice protects against glutamate toxicity in HT22 hippocampal neurons through the jnk-mediated apoptotic pathway via the GABAA receptor.
4. Promtang S, Turbpaiboon C, Oo EM, Khowawisetsut L, Uawithya P, Chompoopong S. *IBRO Neurosci Rep*. 2022 Dec 12;14:38-49. doi: 10.1016/j.ibneur.2022.12.004. eCollection 2023 Jun. PMID: 36590249
5. Age and gender differences for the behavioral phenotypes of 3xTg alzheimer's disease mice.
6. Pairojana T, Phasuk S, Suresh P, Huang SP, Pakaprot N, Chompoopong S, Hsieh TC, Liu IY. *Brain Res*. 2021 Jul 1;1762:147437. doi: 10.1016/j.brainres.2021.147437. Epub 2021 Mar 19. PMID: 33753066
7. The 4-(Phenylsulfanyl) butan-2-one Improves Impaired Fear Memory Retrieval and Reduces Excessive Inflammatory Response in Triple Transgenic Alzheimer's Disease Mice.
8. Varintra P, Ganesan K, Huang SP, Chompoopong S, Eurtivong C, Suresh P, Wen ZH, Liu IY. *Front Aging Neurosci*. 2021 Feb 3;13:615079. doi: 10.3389/fnagi.2021.615079. eCollection 2021. PMID: 33613267
9. Enhanced contextual fear memory in peroxiredoxin 6 knockout mice is associated with hyperactivation of MAPK signaling pathway.
10. Phasuk S, Pairojana T, Suresh P, Yang CH, Roytrakul S, Huang SP, Chen CC, Pakaprot N, Chompoopong S, Nudmamud-Thanoi S, Liu IY. *Mol Brain*. 2021 Feb 25;14(1):42. doi: 10.1186/s13041-021-00754-1. PMID: 33632301
11. Germinated Brown Rice Attenuates Cell Death in Vascular Cognitive Impaired Mice and Glutamate-Induced Toxicity In HT22 Cells.
12. Oo EM, Ruamyod K, Khowawisetsut L, Turbpaiboon C, Chaisuksunt V, Uawithya P, Pholphana N, Rangkadilok N, Chompoopong S. *J Agric Food Chem*. 2020 May 6;68(18):5093-5106. doi: 10.1021/acs.jafc.9b07957. Epub 2020 Apr 24. PMID: 32275827
13. 4-(Phenylsulfanyl) Butan-2-One Attenuates the Inflammatory Response Induced by Amyloid- $\beta^2$  Oligomers in Retinal Pigment Epithelium Cells.

14. Varinthra P, Huang SP, Chompoopong S, Wen ZH, Liu IY. *Mar Drugs*. 2020 Dec 23;19(1):1. doi:10.3390/md19010001.PMID: 33374505

8) Effect of *Centella asiatica* on pathophysiology of mild chronic cerebral hypoperfusion in rats.

Thong-Asa W, Tilokskulchai K, Chompoopong S, Tantisira MH. *Avicenna J Phytomed*. 2018 May-Jun;8(3):210-226.PMID: 29881707