

Curriculum Vitae



Name Kamonrapat Sompub
Academic Position Instructor
Affiliation Faculty of Physical Therapy,
Hauchiew Chalermprakiet University
Telephone (work) +66 27138100
e-mail address: kamonrapat.som@hcu.ac.th

Education

2025	Doctor of Philosophy in Medical Science (Neurobiology and Anatomy), Niigata University, Japan
2018	Master of Science (Neuroscience), Mahidol University, Thailand
2012	Bachelor of Science (Physical Therapy), Srinakharinwirot University, Thailand

Professional Memberships

2012 - Present	Physical Therapy Council, Thailand
2025 - Present	Neuroscience Society of Nepal, Nepal

Grant and Scholarship

1. Kyowagai medical research grant for graduate student, Graduate School of Medical and Dental Sciences, Niigata University, Japan in the topic of “The role of NF-**KB** pathway in oligodendrocyte response to acute spinal cord injury”
2. Monbukagakusho Scholarship, Graduate School of Medical and Dental Sciences, Niigata University Support by Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japan

Award

1. TNS Best Poster Award

Sompub, K., Bizen, N., Takebayashi, H., 2024. Analysis of the NF-**KB** pathway inactivation on oligodendrocyte differentiation in the central nervous system, in: Neuro-Enhancement for Brain Health. Presented at the The International Conference on Neuroscience and Brain Health 2024 & The 27th Thai Neuroscience Society Annual Conference, Thai Neuroscience Society, HAU HIN, Thailand, p. 201. (Abstract)

Area of interest:

- Neurological rehabilitation
- Spinal cord injury treatment
- Oligodendrocyte development

Publications

1. **Sompup, K.**, Bizen, N., Baldwin, A. S., & Takebayashi, H. (2025). NF-**KB** RelA regulates temporal oligodendrocyte differentiation in the postnatal brains. *Frontiers in Cellular Neuroscience*, 19, 1622874. <https://doi.org/10.3389/fncel.2025.1622874>
2. **Sompup, K.**, Krityakiarana, W., Jongkamonwiwat, N., Mukda, S., Phansuwan-Pujito, P., & Govitrapong, P. (2016). Effects of melatonin on myelin-associated inhibitors after severe crush spinal cord injury in a mouse model. *Frontiers in Cellular Neuroscience*, 10. <https://doi.org/10.3389/conf.fncel.2016.36.00156>
3. Krityakiarana, W., **Sompup, K.**, Jongkamonwiwat, N., Mukda, S., Pinilla, F.G., Govitrapong, P., Phansuwan-Pujito, P., (2016). Effects of melatonin on severe crush spinal cord injury-induced reactive astrocyte and scar formation. *J. Neurosci. Res.* 94. <https://doi.org/10.1002/jnr.23930>

Poster/Oral presentation

1. **Sompup, K.**, Bizen, N., Takebayashi, H., 2024. Analysis of the NF-**KB** pathway inactivation on oligodendrocyte differentiation in the central nervous system, in: *Neuro-Enhancement for Brain Health*. Presented at the The International Conference on Neuroscience and Brain Health 2024 & The 27th Thai Neuroscience Society Annual Conference, Thai Neuroscience Society, HAU HIN, Thailand, p. 201. (Abstract)

Research Ethics and Safety in Human and Aimal Welfare

1. Human Subject Protection (HSP) Training

Completed the National Research Council of Thailand (NRCT) training program in Human Subject Protection. Certificate valid from March 27, 2025, to March 27, 2027.

2. Animal Experiments Training

Completed Education and Training for Animal Experiments from The Institutional Animal Care and Use Committee of Niigata University. Certificate valid from November 19, 2024, to November 19, 2027.

3. Genetic Recombination Experiments Training

Completed the Educational Training Session on Genetic Recombination Experiments from Niigata University. Certificate valid from October 11, 2024, to October 12, 2026.