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คุณวุฒิสูงสุด Ph.D. (Biological Science)  
ตำแหน่ง รองศาสตราจารย์  
สถานที่ทำงาน ภาควิชาสรีรวิทยา คณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่  
โทรศัพท์ 0 5394 5362-4 # 103

ประสบการณ์การวิจัยและผลงานตีพิมพ์ที่เกี่ยวข้องกับสาขาที่จะทำการวิจัยครั้งนี้  
สาขาวิชาการที่มีความชำนาญพิเศษ (แตกต่างจากวุฒิการศึกษา) ระบุสาขาวิชาการ

1. Neuroscience
2. Molecular biology

ผลงานตีพิมพ์ที่เกี่ยวข้องกับสาขาที่จะทำการวิจัยครั้งนี้

Peer reviewed articles

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2. Tonphu K, Mueangaun S, Lerkdumnernkit N, Sengking J, Tocharus J, Benjakul S, Mittal A, Tocharus C. Chitooligosaccharide-epigallocatechin gallate conjugate ameliorates lipid accumulation and promotes browning of white adipose tissue in high fat diet fed rats. *Chem Biol Interact*. 2025. 406:111316.
3. Chaiyasaeng W, Hongwiset D, Tocharus C, Punyawudho B, Tocharus J, Chaichompoo W, Rojsitthisak P, Pabuprapap W, Yingyongnarongkul BE, Suksamrarn A. Comparative Pharmacokinetics and Tissue Distribution of Hexahydrocurcumin Following Intraperitoneal vs Oral Administration in Mice Using LC-MS/MS. *ACS Omega*. 2024. 19;9(39):41032-41042.
4. Sivasinprasasn S, Tocharus J, Mahatheeranont S, Nakrat S, Tocharus C. Anthocyanin-Rich Fraction of Black Rice Bran Extract Protects against Amyloid  $\beta$ -Induced Oxidative Stress, Endoplasmic Reticulum Stress, and Neuronal Apoptosis in SK-N-SH Cells. *Pharmaceuticals (Basel)*. 2024. 17(8):1039. doi: 10.3390/ph17081039.
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  7. Jearjaroen P, Thangwong P, Tocharus C, Chaichompoo W, Suksamrarn A, Tocharus J. Hexahydrocurcumin attenuated demyelination and improved cognitive impairment in chronic cerebral hypoperfusion rats. *Inflammopharmacology.* 2023. doi: 10.1007/s10787-023-01406-7.
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  9. Wikan N, Tocharus J, Oka C, Sivasinprasasn S, Chaichompoo W, Denlumpai P, Suksamrarn A, Tocharus C. Pelargonic acid vanillylamide alleviates hepatic autophagy and ER stress in hepatic steatosis model. *Food Chem Toxicol.* 2023 :180:113987.
  10. Panthiya L, Tocharus J, Chaichompoo W, Suksamrarn A, Tocharus C. Hexahydrocurcumin mitigates angiotensin II-induced proliferation, migration, and inflammation in vascular smooth muscle cells. *EXCLI J.* 2023. 22:466-481.
  11. Yawoot N, Sengking J, Govitrapong P, Tocharus C, Tocharus J. Melatonin modulates the aggravation of pyroptosis, necroptosis, and neuroinflammation following cerebral ischemia and reperfusion injury in obese rats. *Biochim Biophys Acta Mol Basis Dis.* 2023.1869:166785.
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