Curriculum Vitae

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Position:

2017-present Lecturer, Department of Pharmacology, Faculty of Medicine, Srinakharinwirot University, Bangkok, Thailand

2016 Lecturer, Faculty of Medicine, Siam University, Bangkok, Thailand

Education:

2016 Ph.D. (Pharmacology), Faculty of Medicine, KhonKaen University, KhonKaen, Thailand

2011 D.V.M. (Doctor of Veterinary Medicine), 2nd class honors
Faculty of Veterinary Medicine, KhonKaen University, KhonKaen, Thailand

Academic awards:

2016 **The best poster presentation award**
From "The 13th Asia Pacific Federation of Pharmacologist (APFP) Meeting 2016"
At the Berkeley Hotel, Bangkok, Thailand, February 1-3, 2016

2015 **The young investigator award for poster presentation and Taylor & Francis Prestigious poster award**
From "The 7th Biennial Meeting of Society for Free Radical Research-Asia (SFRR-Asia 2015) Conference"
At the Empress Hotel, Chiang Mai, Thailand , November 29-December 2, 2015.

2015 **The Outstanding Oral Presentation Award**
From "From CASCAP to Thailand Grand Challenges Conference",
At Pullman KhonKaen Raja Orchid Hotel, KhonKaen, Thailand, December 24-25, 2015

Areas of Research Interest:

Molecular pharmacology, anticancer, cannabinoid and phytochemical compound

Publications:

1. Natewong S, Niwaspragrit C, Ratanachamnong P, Samatiwat P, Namchaiw P, Jaisin Y. Photo-Protective and Anti-Inflammatory Effects of Antidesmathwaitesianum Müll. Arg. Fruit Extract against UVB-Induced Keratinocyte Cell Damage Molecules. 2022 Aug 8;27(15):5034.
2. Horcharoensuk P, Yang-en S,· Chakritbudsabong W, Samatiwat P, Pramong R, Rungarunlert S,· Rungsiwiwut R. Melatonin attenuates dimethyl sulfoxide- and Zika virus-induced degeneration of porcine induced neural stem cells. In Vitro Cellular & Developmental Biology - Animal 2022; 58:232-242.
3. Samatiwat P, ChankhonkaenP, Jaisin Y, Ratanachamnong P, Niwaspragrit C,Rungsiwiwut R, Dhorranintra B. Anticancer activity of the bark extract of Phyllanthusemblica on cholangiocarcinoma in vitro. Journal of Basic and Applied Pharmacology 2021; 1(1):60-71.
4. Samatiwat P, Tabtimmai L, Suphakun P, Jiwacharoenchai N, Toviwek B, Kukongviriyapan V, Gleeson MP, Choowongkomon K. The Effect of the EGFR - Targeting Compound 3-[(4-Phenylpyrimidin-2-yl) Amino] Benzene-1-Sulfonamide (13f) against Cholangiocarcinoma Cell Lines. Asian Pacific Journal of Cancer Prevention 2021; 22(2):381-390.
5. Sompakdee V, Prawan A, Senggunprai L, Kukongviriyapan U, Samathiwat P, JaroonWandee J, Kukongviriyapan V. Suppression of Nrf2 confers chemosensitizing effect through enhanced oxidant-mediated mitochondrial dysfunction. Biomedicine & Pharmacotherapy 2018; 101: 627–634.
6. Samatiwat P, Prawan A, Senggunprai L, Kukongviriyapan U, Kukongviriyapan V. Nrf2 inhibition sensitizes cholangiocarcinoma cells to cytotoxic and antiproliferative activities of chemotherapeutic agents. Tumor Biology 2016; 37 (8): 11495-11507.
7. Samatiwat P, Kazuhisa T, Satarug S, Koji O, Kukongviriyapan V, Shibahara S. Induction of MITF expression in human cholangiocarcinoma cells and hepatocellular carcinoma cells by cyclopamine, an inhibitor of the Hedgehog signaling. Biochemical and Biophysical Research Communications 2016; 470(1): 144-149
8. Samatiwat P, Prawan A, Senggunprai L, Kukongviriyapan V. Repression of Nrf2 enhances antitumor effect of 5-fluorouracil and gemcitabine on cholangiocarcinoma cells. NaunynSchmiedebergs Arch Pharmacol 2015; 388: 601-612.
9. Decharchoochart P, Suthiwong J, Samatiwat P, Kukongviriyapan V, Yenjai C. Cytotoxicity of compounds from the fruits of Derris indica against cholangiocarcinoma and HepG2 cell lines. Journal of Natural Medicines 2014; 68: 730-6.
10. Samatiwat P, Prawan A, Senggunprai L, Kukongviriyapan V. Taxifolin Exerts Cytoprotective Effect by Activation of Nrf2-ARE Signaling Pathway in HepG2 cells. Srinagarind Med J 2014; 29: 122-25.

Proceeding:

Kalasang P, Jaisin Y, Prachayasittikul S, Rungsiwiwut R, and Samatiwat P. Anticancer Activity of SpilanthesacmellaMurr Extract on Cholangiocarcinoma Cells. Proceedings: The 42nd Pharmacological and therapeutic society of Thailand meeting (Precision Medicine from Research to Clinical Implementations).19th -20thMay2021:67-78.

International conferences:

1. PapaveeSamatiwat*et al*. Suppression of Nrf2 by siRNA induces oxidative stress and enhances the *chemosensitivity of anticancer drug in* cholangiocarcinoma cells. The RGJ-Ph.D. Congress XVII, Pattaya, Thailand, June 8- 11th, 2016. ***(Poster presentation)***
2. PapaveeSamatiwat*et al*. Nrf2 silencing confers chemosensitizing effect on cholangiocarcinoma cells via repression of antioxidant genes and induction of cell cycle arrest.The 13th Asia Pacific Federation of Pharmacologist (APFP 2016) Meeting, The Berkeley Hotel Pratunam, Bangkok, Thailand. February 1st -3rd, 2016. ***(Poster presentation, selected as recipient of the Poster Presentation Award)***
3. PapaveeSamatiwat*et al*. Inhibition of Nrf2 signaling sensitizes cholangiocarcinoma cells to cisplatin in association with cellular oxidative stress. The 7th Biennial Meeting of Society for Free Radical Research-Asia (SFRR-Asia 2015), The Empress Hotel, Chiang Mai, Thailand, November 29th-December 2nd, 2015. ***(Poster presentation, selected as recipient of the Poster Presentation Award)***

National conferences

1. PapaveeSamatiwat*et al*.Inhibition of Nrf2 signaling sensitizes cholangiocarcinoma cells to cisplatin in association with cellular oxidative stress. From CASCAP to Thailand Grand Challenges, Pullman KhonKaen Raja Orchid Hotel, KhonKaen, Thailand, December 24-25th, 2015 ***(Oral presentation, selected as recipient of the Outstanding Oral Presentation Award)***
2. PapaveeSamatiwat*et al*. Taxifolin Exerts Cytoprotective Effect by Activation of Nrf2-ARE Signaling Pathway in HepG 2 cells. The 43th year of dedication to society, Faculty of Medicine, KhonKaen University, KhonKaen, Thailand, October 7- 9th, 2014. ***(Oral presentation)***
3. PapaveeSamatiwat*et al*. Knockdown of Nrf2 - Mediated Antioxidant Defense System by siRNA Sensitizes Cholangiocarcinoma Cells to Cisplatin. Advanced Pharmacology in Drug Development: Towards the ASEAN union, Department of Pharmacology, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand, March 27 - 28th, 2014. ***(Poster presentation)***
4. PapaveeSamatiwat*et al*. Nrf2-Mediated Antioxidant Responses to Anticancer Drugs in Cholangiocarcinoma Cells. Pre-congress symposium 2012, KhonKaen University, KhonKaen, Thailand, October 9th, 2012. ***(Poster presentation)***