

## Research publications

### International publications:

1. Sompakdee V, Prawan A, Senggunprai L, Kukongviriyapan U, Samatiwat P, Jaroon Wandee J, Kukongviriyapan V. Suppression of Nrf2 confers chemosensitizing effect through enhanced oxidant-mediated mitochondrial dysfunction. *Biomedicine & Pharmacotherapy* 2018; 101: 627–634.
2. 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.
3. 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
4. Samatiwat P, Prawan A, Senggunprai L, Kukongviriyapan V. Repression of Nrf2 enhances antitumor effect of 5-fluorouracil and gemcitabine on cholangiocarcinoma cells. *Naunyn Schmiedebergs Arch Pharmacol* 2015; 388: 601-612.
5. Decharchochart 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.

### National publication:

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.