

Drug Transporters and *in vitro* renal proximal tubule model of diseases



Promsuk Jutabha, Ph.D.

Ramathibodi Medical School, CNMI

Contact: promsuk.jut@mahidol.ac.th

My Research Interest

- ❖ Effect of natural compounds on renal proximal tubule injury and fibrosis
- ❖ Transporter-based drug-drug or drug-herb interaction (OATs, SGLTs, urate transporter)
- ❖ Our group is going to develop 3D-platform of renal proximal tubule -on-a-chip for drug toxicity test and diabetic-induced kidney injury model.

“Do your best, accept the consequences, and always be ready to improve yourself”