



Curriculum Vitae

Institute of Nutrition, Mahidol University (INMU)

999 Phutthamonthon 4 Rd., Salaya, Phutthamonthon

Name Pattamaporn Joompa, Ph.D.
ปัทมาภรณ์ จอมปา

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Current position Researcher

Education

2017 Doctor of Philosophy (Biochemistry),
Faculty of Science, Mahidol University

2011 Bachelor of Science (Medical Technology), Second class honors,
Faculty of Medical Technology, Mahidol University

Research Interest

- Nutritional Biochemistry
- Nutritional behavior

Research Experiences

- Proteomic and phosphoproteomic analysis of host-bacteria interaction
- Cultivating *B. pseudomallei* infected with mammalian cells
- Determining autophagic proteins in *B. pseudomallei* infected with mammalian cells
- Recombinant protein construction, expression, and purification
- Assisting the project entitled: "Learning reformation to create occupational readiness for youth" apart of Thailand 4.0 Model belonging to the Ministry of Education Thailand
- Nutrition education in school-aged children based on science learning

Training

- 2019
- Ethics in human research (Social Science), Mahidol University
 - Multi Mentoring System, The Thailand Research Fund (TRF)

Publications

National

Kongpunya P, **Joompa P**, Khunsanong S, Sapsuwan C, Development of a Food Management Model for Elderly Health in Nakhon Pathom Province. Journal of Public Health. 2019; 49(2): 249-261.



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International

Joompa P, Ponnikorn S, Roytrakul S, and Tungpradabkul S. Investigation of host-pathogen interaction between *B. pseudomallei* and autophagy-related protein LC3 using hydrophobic chromatography-based technique, *Cell Biosci.* 2017; 7: 1-13.

Poster presentations:

- **Joompa P**, Ponnikorn S, and Tungpradabkul S. "Interaction of LC3 with *Burkholderia pseudomallei* for Escaping Autophagy in Phagocytic Cell Line". The 6th International Symposium on Autophagy. Okinawa, Japan. Oct 28 - Nov 1, 2012.
- **Joompa P**, Ponnikorn S, and Tungpradabkul S. "Autophagy Evasion of *Burkholderia pseudomallei* has Imperative Interaction with LC3 in Phagocytic Cell Line". The 13th FAOBMB International Congress of Biochemistry and Molecular Biology. Bangkok, Thailand. Nov 25 – 29, 2012.

Proceeding:

- **Pattamaporn Joompa** and Sumalee Tungpradabkul. "Interaction Study of LC3 Proteins with *Burkholderia pseudomallei* Using Hydrophobic Affinity Column Chromatography". The International Graduate Research Conference 2013. Chiang Mai University. Chiang Mai, Thailand. Dec 20, 2013.