



Curriculum Vitae

Duangnapa Kovanich

E-mail: kovanich@hotmail.com

Work Address

Institute of Molecular Biosciences, Mahidol University

25/25 Phuttamonthon 4 Road, Salaya, Nakhon Pathom, Thailand, 73170

Tel: 66(0)24419003-7 Mobile: 66(0)899446260

Employment

2015-present

Lecturer

Institute of Molecular Biosciences, Mahidol University

2013-2015

Post-doctoral fellow

Prof. Manuela Zaccolo's Laboratory

Department of Physiology, Anatomy, and Genetics, University of
Oxford

Education

2008-2013

PhD student

Prof. Albert JR Heck's Laboratory

Biomolecular Mass Spectrometry and Proteomics Group,
Utrecht University

2006-2008

Utrecht University, The Netherlands

M.Sc. Biomolecular Sciences

2000-2004

Chulalongkorn University, Thailand

B.Sc. Botany (honour)

Funding

2016-2017

ทุนส่งเสริมนักวิจัยรุ่นใหม่

	A Proteomics Investigation of Japanese Encephalitis virus NS5 protein interactome
	แหล่งทุน มหาวิทยาลัยมหิดล
2017-2019	ทุนพัฒนาศักยภาพในการทำวิจัยของอาจารย์รุ่นใหม่
	A high-throughput proteomics investigation of Zika virus NS5 protein interactome in human neuroblastoma cells
	แหล่งทุน สำนักงานกองทุนสนับสนุนการวิจัย
2018-2021	ทุนสนับสนุนการวิจัยสำหรับบัณฑิตพิเศษวท. แรกบรรจุ
	The study of functional role of flaviviral NS5 interacting proteins in flavivirus infection
	แหล่งทุน สถาบันส่งเสริมการสอนวิทยาศาสตร์และเทคโนโลยี

Peer-reviewed publications

1. **Kovanich D**, Saisawang C, Sittipaisankul P, Ramphan S, Kalpongukul N, Somparn P, Pisitkun T, Smith DR., 2019. Analysis of the Zika and Japanese Encephalitis Virus NS5 Interactomes. *J Proteome Res*, 18(8), 3203-3218.

Ramphan S, Khongwichit S, Saisawang C, **Kovanich D**, Ketterman AJ, Ubol S, Auewarakul P, Roytrakul S, Smith DR, Kuadkitkan A., 2018. Ubiquitin-Conjugating Enzyme E2 L3 is Downregulated by the Chikungunya Virus nsP2 Protease. *Proteomics Clin Appl*, 12(4), e17000020.

Kovanich D, van der Heyden MA, Aye TT, van Veen TA, Heck AJR, Scholten A., 2010. Sphingosine Kinase Interacting Protein is an A-kinase Anchoring Protein Specific for Type I cAMP-dependent Protein Kinase. *Chembiochem*, 11(7), 963-71.

Dadvar P, **Kovanich D**, Folkers GE, Rumpel K, Raijmakers R, Heck AJR., 2009. Phosphatidylethanolamine-binding Proteins, Including RKIP, Exhibit Affinity for Phosphodiesterase-5 Inhibitors. *Chembiochem*, 10(16), 2654-62.

Book chapter and Invited Review Article

Kovanich D, Cappadona S, Raijmakers R, Mohammed S, Scholten A, Heck AJR., 2012. Applications of Stable Isotope Dimethyl Labeling in Quantitative Proteomics. *Analytical Bioanalytical Chemistry*, 404(4), 991-1009.

Kovanich D, Aye TT, Heck AJR, Scholten A., 2012. Probing the Specificity of Protein-Protein Interactions by Quantitative Chemical Proteomics. *Methods in Molecular Biology*, 803, 167-81.