

**Anatomy and Structural Biology Mini-symposium 2017:
M.Sc. & Ph.D. Student Research in Progress
February 20 - 21, 2017 / 09.00-16.00, Room: AN 201-202
Department of Anatomy, Faculty of Science, Mahidol University**

February 20, 2017 (M.Sc.)

Time	Title	Speaker
08.45-09.00	- Registration -	
09.00-09.15	- Opening Speech -	Program director
09.15-10.00	Plumbagin, a compound extracted from <i>Plumbago indica</i> , inhibits proliferation and endometriotic characteristics of stromal cells derived from endometriotic endometrium	Ms. Sineenart Songkoomkrong (Pre-defense M.Sc. thesis)
10.00-10.30	The anti-cancer effect of the extracts from the sea cucumbers, <i>Holothuria scabra</i> , in triple-negative MDA-MB-231 breast cancer cells in hyperglycemic condition	Ms. Laphatrada Yurasakpong
10.30-10.45	- Break -	
10.45-11.15	Characterization of olfactory ionotropic glutamate receptors 25a in the giant freshwater prawn, <i>Macrobrachium rosenbergii</i>	Ms. Natwalee Jaikunta
11.15-11.45	Effect of kinase inhibitor on autophagy formation in dengue virus infected cell	Ms. Tita Veeramontanasak
11.45-13.00	- Lunch -	
13.00-13.30	Neuroprotective Effects of the Extracts from the Sea Cucumber, <i>Holothuria leucospilota</i> , in <i>C. elegans</i> Model of Parkinson's Disease	Mr. Nawaphat Malaiwong
13.30-14.00	Effects of <i>Holothuria leucospilota</i> saponin-enriched extracts on obesity and fat metabolism in <i>Caenorhabditis elegans</i> model	Ms. Kawita Chumpoochai
14.00-14.30	Effect of metformin and rapamycin combination on a cellular model of Parkinson's disease	Ms. Chureerat Norradee
14.30-15.00	- Summary Remarks -	

February 21, 2017 (Ph.D.)

Time	Title	Speaker
08.45-09.00	- Registration -	
09.00-09.45	Structure of infectious hypodermal and hematopoietic necrosis virus (IHHNV) and modification for nanobiotechnological application	Ms. Paulin Keatmetha (Pre-defense Ph.D. thesis)
09.45-10.15	Transforming growth factor (TGF)- β signaling in immune cell mediates the severity of lipopolysaccharide (LPS)-induced chronic kidney injury <i>in vivo</i>	Mr. Supapong Imsonpang
10.15-10.30	- Break -	
10.30-11.00	External Modification of Viral Capsid Nano-container for Target-Specific Delivery of Therapeutic Compounds	Mr. Khwanthana Grataitong
11.00-11.30	Production and harvesting techniques of high-quality bioflocs for being used as protein substitute for fish-meal in shrimp pellets	Ms. Phennapa Promthale
11.30-12.00	The hematopoietic organ of <i>Macrobrachium rosenbergii</i> and its responses during spiroplasma infection	Mr. Arnon Pudgerd
12.00-13.00	- Lunch -	
13.00-13.30	Characterization and function of novel Crustacean Hyperglycemic Hormone type II - like gene in <i>Penaeus monodon</i>	Ms. Phaivit Laphyai
13.30-14.00	Effect of androgenic gland-specific insulin-like hormone on spermatogenesis in juvenile <i>Penaeus monodon</i>	Ms. Prawporn Thaijongrak
14.00-14.30	Role of interaction of eEF1A2 and Prdx-I in Parkinson's disease	Ms. Wimon Wirakiat
14.30-15.00	- Summary Remarks -	