



Anatomy and Structural Biology
Mini-Symposium 2018:
Ph.D. Student Research in Progress

December 12-13, 2018

08:45-14:30, Room: AN1 201-202

**Department of Anatomy, Faculty of Science,
Mahidol University**

**Anatomy and Structural Biology Mini-Symposium 2018:
Ph.D. Student Research in Progress
December 12-13, 2018**

December 12, 2018

Time	Title	Speaker
08.45-09.00	- Registration -	
09.00-09.15	- Opening Speech -	Program director
09.15-09.45	Evaluation of the anti-quorum sensing effect of the ethanolic extract from the red seaweed <i>Gracilaria fisheri</i> and bioactive compounds identification	Ms. Kulwadee Karnjana
09.45-10.15	Targeting VEGF splicing switch as a potential inhibition of cholangiocarcinoma angiogenesis	Ms. Kittiya Supradit
10.15-10.30	- Break -	
10.30-11.00	<i>Holothuria scabra</i> extracts relieve pathological features in <i>C. elegans</i> model of Alzheimer's disease	Ms. Warannida Kleawyothis
11.00-11.30	Targeting of ErbB receptor family in cholangiocarcinoma cells and the effect of combine treatment with sulfated galactans	Ms. Nantavadee Boonsri
11.30-12.30	- Lunch -	
12.30-13.00	Neuroprotective potentials of sea cucumber bioactive metabolite, triterpene glycosides, against Alzheimer's disease in transgenic <i>Caenorhabditis elegans</i> model	Mr. Taweesak Tangrodchanapong
13.00-13.30	Differentiation of stem cells from human deciduous and permanent teeth into spiral ganglion neuron-like cells	Mr. Thanasup Gonmanee
13.30-13.45	- Break -	
13.45-14.15	Stimulations of gonadal maturation and germ cell productions by prostaglandin and the effects of neurotransmitters on larval settlement in the sea cucumber, <i>Holothuria scabra</i> .	Ms. Nittiya Nontunha
14.15-14.45	The effect of alpha Mangostin on MPP+-induced apoptosis in differentiated SH-SY5Y cells	Mr. Abraham Korede Jacob

December 13, 2018

Time	Title	Speaker
08.45-09.00	- Registration -	
09.00-09.15	- Opening Speech -	Program director
09.15-09.45	Development of sandwich ELISA technique for IHHNV detection and study of shrimp immune response during chronic IHHNV infections in <i>Penaeus monodon</i>	Mr. Supapong Imsonpang
09.45-10.15	Antibacterial responses of hematopoietic organ in the giant freshwater prawn <i>Macrobrachium rosenbergii</i>	Mr. Arnon Pudgerd
10.15-10.45	Identification and characterization of sex determining genes in <i>Penaeus monodon</i> and their transcriptional regulation by insulin like androgenic gland hormone	Ms. Prawporn Thaijongrak
10.45-11.00	- Break -	
11.00-11.30	Role of interaction of eEF1A2 and Prdx1 in Parkinson's disease	Ms. Wimon Wirakiat
11.30-12.00	Effect of Pentacyclic Triterpenes herbal extracts on breast cancer cells apoptosis through estrogen receptor suppression	Mr. Yanvit Prompoon
12.00-13.00	- Lunch -	
13.00-13.30	Neuroprotective effects of <i>Holothuria scabra</i> extracts in the MPP ⁺ /MPTP-induced model of Parkinson's disease in cellular and mouse model	Ms. Kunwadee Noonong
13.30-14.00	Modification of MrNV-VLPs for Enhancements of Tissue Visualization During Viral Infection and Cargo Encapsulation	Mr. Itsares Muikham
14.00-14.15	- Break -	
14.15-14.45	Red tilapia model of bacterial meningitis in <i>Streptococcus agalactiae</i> infection	Ms. Iyapa Palang
14.45-15.15	Characterization of Nacreous Proteins in Haliotis Diversicolor and Their Possible Role in Osteoinduction; in vitro Testing in Preosteoblastic Cell Line MC3T3-E1	Ms. Valainipha Habuddha