



Natural Products, Chemical Biology and Medicinal Applications (NP)

Session NP1

Room# BB 208

Date Feb 2, 2017

Time 14:30-16:00

Conductor: Prof. Dr. Vatcharin Rukachaisirikul

Co-conductor: Asst. Prof. Dr. Kwanruthai Tadpetch

Time	Code	Presenter	Title
14:30-15:00	NP-I-001	Prof. Dr. Apichart Suksamrarn, Ramkhamhaeng University, Thailand	Natural products as promising sources of anti-Alzheimer's leads
15:00-15:15	NP-O-001	Dr. Jitra Kornsakulkarn, National Center for Genetic Engineering and Biotechnology (BIOTEC), Thailand	Bioactive metabolites from endophytic fungus <i>Phomopsis</i> sp. BCC 45011
15:15-15:30	NP-O-002	Dr. Seangaroon Yoiprommarat, National Center for Genetic Engineering and Biotechnology (BIOTEC), Thailand	Bioactive secondary metabolites from the mangrove fungus BCC 25093
15:30-15:45	NP-O-003	Dr. Panida Chinthanom, National Center for Genetic Engineering and Biotechnology (BIOTEC), Thailand	Antitubercular activity of mycelium-type <i>Ganoderma</i> lanostanoids
15:45-16:00	NP-O-004	Dr. Somporn Palasarn, National Center for Genetic Engineering and Biotechnology (BIOTEC), Thailand	Lanostane triterpenoids from the food mushroom <i>Astraeus asiaticus</i>

Session NP2

Room# BB 208

Date Feb 2, 2017

Time 16:15-18:00

Conductor: Prof. Dr. Apichart Suksamrarn

Co-conductor: Asst. Prof. Dr. Kwanruthai Tadpetch

Time	Code	Presenter	Title
16:15-16:45	NP-I-002	Prof. Dr. Braja Gopal Bag, Vidyasagar University, India	Natural triterpenoids as renewable functional nano-entities: Hierarchical self-assembly yielding novel materials useful for drug entrapment, metal-nanoparticle hybrids and recyclable catalyst
16:45-17:00	NP-O-005	Dr. Natthapol Tantimekin, Chulalongkorn University, Thailand	Delivery of antibody into cells by oxidized carbon nanoparticles and its application in dengue virus neutralization



17:00-17:15	NP-O-006	Dr. Kunat Suktham, National Nanotechnology Center, Thailand	Nanoemulsion based delivery system contained <i>Pueraria mirifica</i> extracts for pharmaceutical applications
17:15-17:30	NP-O-007	Dr. Tongchai Saesong, Naresuan University, Thailand	Evaluation of metabolite profiles and lipid peroxidation inhibitory activities of <i>Bacopa monnieri</i> and other <i>Bacopa spp.</i> from different geographical origins using metabolomic approach

Session NP3

Room# BB 205

Date Feb 3, 2017

Time 10:30-11:45

Conductor: Prof. Dr. Tsuyoshi Inoue

Co-conductor: Prof. Dr. Steven Bull

Time	Code	Presenter	Title
10:30-11:00	NP-I-003	Prof. Dr. Steven Bull, University of Bath, United Kingdom	A new Horner-Wadsworth-Emmons reagent for the synthesis of vinyl-isocyanide derived natural products that exhibit potent antimicrobial activity
11:00-11:15	NP-O-008	Dr. Liam Stephens, University of Bath, United Kingdom	A novel class of antibiotic for treatment of pathogenic bacteria
11:15-11:30	NP-O-009	Dr. Wipada Siritanyong, Burapha University, Thailand	Nitric oxide inhibitory activity of selected fluorinated triarylmethane derivatives in LPS-activated RAW 264.7 macrophage
11:30-11:45	NP-O-010	Dr. Adam C. Sedgwick, University of Bath, United Kingdom	Boronate based fluorescence probes for the detection of peroxynitrite

Session NP4

Room# BB 205

Date Feb 3, 2017

Time 15:15-16:45

Conductor: Prof. Dr. Steven Bull

Co-conductor: Prof. Dr. Tsuyoshi Inoue

Time	Code	Presenter	Title
15:15-15:45	NP-I-004	Prof. Dr. Tsuyoshi Inoue, Osaka University, Japan	The molecular design of a mutant streptavidin with high specificity for only an artificial biotin derivative
15:45-16:00	NP-O-011	Mr. Suriya Tateing, Chiang Mai University, Thailand	Ligand-binding residues integrate affinity via a charge-relay system in the human histone deacetylase 2: Molecular dynamics simulations
16:00-16:15	NP-O-012	Dr. Warabhorn Boonyarat, Kasetsart University, Thailand	Validations and conformations of p38 MAP kinase bound to inhibitor