

PROGRAM

Thursday, February 6th, 2014

07.00-17.00 **Registration** (Foyer 5th level)

08.30-09.00 **Congress Opening** (Grand Ballroom)

Welcome Address by Professor Banchong Mahaisavariya

President, Council of the Graduate Studies Administrators of Public and Autonomous Universities (CGAU) and Dean, Faculty of Graduate Studies, Mahidol University

Address by Assoc. Prof. Kamjorn Tatiyakavee

Deputy Secretary-General, Commission, on Higher Education, Ministry of Education, *THAILAND*

Opening Remarks by Professor Rajata Rajatanavin

President, Mahidol University

Moderator: Anadi Nitithamyong, Deputy Dean for International Affairs, Faculty of Graduate Studies, Mahidol University

09.00-09.30 **Keynote Lecture 1** (Grand Ballroom)
Postgraduate Education and Research Excellence
M.R. Jisnuson Svasti
Chulabhorn Research Institute, Thailand

09.30-10.00 **Keynote Lecture 2** (Grand Ballroom)
ASEAN University Networking and Initiatives for ASEAN 2015
Nantana Gajaseni
ASEAN University Network Executive Director, Thailand

10.00-10.30 **Coffee Break**

Thursday, February 6th, 2014

10.30-12.15 MU Distinguished Thesis Award Presentation Session 1: Physical Science and Technology
Chairperson:
(Galleria 3)

10.30-10.50 ST-D-01

SURFACE PROPERTIES AND HYDROPHOBIC RECOVERY BEHAVIOR OF CORONA TREATED POLYPROPYLENE (PP) FILMS

Nanticha Kalapat

10.50-11.10 ST-D-02

DATA MINING FOR DEVELOPMENT OF BIOACTIVE COMPOUNDS AND ASSESSMENT OF HEALTH PARAMETERS

Apilak Worachartcheewan

11.10-11.30 ST-D-03

EVALUATION OF BIOACTIVE COMPONENTS AND BIOLOGICAL ACTIVITIES OF *STEMONA* ROOTS

Sumet Kongkiatpaiboon

11.30-11.50 ST-D-04

THERAPEUTIC POTENTIALS OF THAI MANGO SEED KERNEL EXTRACT AND THE DEVELOPMENT OF ITS PECTINATE GEL BEADS FORMULATIONS

Saruth Nithitanakool

11.50-12.05 ST-M-02

TOE CLEARANCE DURING FREE SWING OF A TRANSFEMORAL PROSTHETIC LEG: POLYCENTRIC KNEE VS ANKLE DORSIFLEXION

Nattaporn Intawachirarat

12.05-12.20 ST-M-03

MAPPING ACTIVE FAULTS WITH SEISMIC METHOD IN KANCHANABURI PROVINCE, WESTERN THAILAND AND CAVITY DETECTION WITH A 2-D DC RESISTIVITY IN KARST TERRAIN AT MAHIDOL UNIVERSITY, KANCHANABURI CAMPUS

Ananya Satitpittakul

12.20-12.35 ST-M-05

EFFECTS OF PREGELATINIZATION ON PHYSICO-CHEMICAL PROPERTIES OF GERMINATED BROWN RICE FLOUR

Kantree Ritruengdech

Thursday, February 6th, 2014

13.30-15.15 MU Distinguished Thesis Award Presentation Session 2: Health Science
Chairperson:
(Galleria 3)

13.30-13.50 MS-D-05

A STUDY OF THE EFFECTS AND MECHANISMS OF *CURCUMA COMOSA* ROXB. ON BONE

Duangrat Tantikanlayaporn

13.50-14.10 MS-D-06

ACTIVATION OF TRANSCRIPTION FACTOR: NUCLEAR FACTOR KAPPA B (NF-KB) IN MALARIA

Chuchard Punsawad

14.10-14.30 MS-D-07

THE APOPTOTIC ROLE OF CD137 SIGNALING IN DENGUE VIRUS-INFECTED HepG2 CELLS

Amar Nagila

14.30-14.45 MS-M-02

STUDY OF GENETIC CHARACTERISTICS OF *LEISHMANIA SIAMENSIS* FOR MOLECULAR DIAGNOSIS OF VISCERAL LEISHMANIASIS IN THAILAND

Atitaya Hitakarun

14.45-15.00 MS-M-15

COMPARISON OF INTRAVENOUS CEFTRIAZONE THERAPY WITH SWITCH THERAPY FROM INTRAVENOUS CEFTRIAZONE TO ORAL CEFDITOREN PIVOXIL IN ACUTE PYELONEPHRITIS

Teerapong Monmaturapoj

15.00-15.15 MS-M-26

A STUDY ON THE EFFECT OF DIARYLHEPTANOID ON WNT/ β -CATENIN SIGNALING PATHWAY

Kanit Bhukhai

Friday, February 7th, 2014

09.00-10.45 MU Distinguished Thesis Award Presentation Session 3: Biological Science Chairperson: (Galleria 3)

09.00-09.20 BS-D-01

CHARACTERIZATION AND EXPRESSION OF NEUROPEPTIDES RELATED TO REPRODUCTION AND LIPID COMPOSITION DURING OVARIAN MATURATION OF PENAEID SHRIMP SPECIES

Piyachat Chansela

09.20-09.40 BS-D-04

BOOSTING ONCOLYTIC ADENOVIRUS POTENCY IN MULTIDRUG-RESISTANT CANCER CELLS WITH MAGNETIC NANOPARTICLES AND MAGNETIC FORCE

Nittaya Tresilwised

09.40-10.00 BS-D-09

INVESTIGATIONS INTO ERYTHROPOIESIS IN β -THALASSEMIA/HB E DISEASE

Amporn Leecharoenkiat

10.00-10.20 BS-D-10

PROTEOMIC ANALYSIS OF CALCIUM OXALATE CRYSTAL-BINDING PROTEINS ON APICAL SURFACE OF DISTAL RENAL TUBULAR CELLS

Kedsarin Fong-Ngern

10.20-10.35 BS-M-03

INHIBITION OF HUMAN CYTOCHROME P450 2A6 BY *AVERRHOA CARAMBOLA* AND *RHINACANTHUS NASUTUS*

Phisit Pouyfung

10.35-10.50 BS-M-04

OPTIMIZED CONDITIONS FOR ISOFLAVONOID PRODUCTION OF *PUERARIA CANDOLLEI* GRAH. EX. BENTH. HAIRY ROOT CULTURE

Pimsiri Danphitsanuparn

10.50-11.05 BS-M-06

ANTIBODY IMMOBILIZED MAGNETIC NANOPARTICLES FOR MALARIA SEPARATION

Tienrat Tangchaikereee

Friday, February 7th, 2014

<p>13.30-15.15 MU Distinguished Thesis Award Presentation Session 4: Humanities, Social Science , Education and Environment Chairperson: (Galleria 3)</p>
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13.30-13.50 SS-D-01

WESTERN MUSIC IN SIAM: THE DEVELOPMENT BETWEEN A.C.1841 – 1941

Nachaya Natchanawakul

13.50-14.10 SS-D-03

A PHONOLOGICAL STUDY OF PALAUNG DIALECTS SPOKEN IN THAILAND AND MYANMAR,
WITH FOCUSES ON VOWELS AND FINAL NASALS

Supakit Buakaw

14.10-14.30 SS-D-06

SEPHA VOCAL STYLES: A HISTORICAL STUDY OF THE SEPHA AND CREATION OF SEPHA
USING NEW VOCAL STYLES

Jatupron Seemung

14.30-14.45 SS-M-03

YOUTH PERCEPTION ON CYBER BULLYING

Nattharat Samoh

14.45-15.00 SS-M-07

AN ANALYSIS OF CONVERSATIONAL STRUCTURES BETWEEN LOCAL GOVERNMENT
OFFICIALS AND ETHNIC PEOPLE

Kornchanok Nanthakanok

15.00-15.15 SS-M-08

PSYCHOLOGICAL SUFFICIENCY, SUFFICIENCY ORGANIZATION, WORK HAPPINESS,
ORGANIZATIONAL SUPPORT, AND ORGANIZATIONAL CITIZENSHIP BEHAVIOR: A CASE
STUDY OF THE DEPARTMENT OF CORRECTIONS

Chanapon Chaitup