



Schedule

The 18th Special CU – af Seminar 2010

“Medical, Science and Technology for Green and Healthy Society :

Research Papers Granted by the Asahi Glass Foundation”

At Room 202 Jamjuree 4 Building Chulalongkorn University

August 3, 2010 (Tuesday)

8.30 – 9.00 hrs. Registration

9.00 – 9.30 hrs. Opening Ceremony (At room 202 Jamjuree 4 building)

- Welcome Remarks and Report

Prof. Kua Wongboonsin, Ph.D.

Vice President, Chulalongkorn University.

- Congratulatory Address

Mr. Tetsuji Tanaka

President, The Asahi Glass Foundation, Japan.

- Opening Speech

Prof. Pirom Kamolratanakul, M.D.

President, Chulalongkorn University.

- Presentation Grant

Mr. Tetsuji Tanaka

President, The Asahi Glass Foundation, Japan.

- Photo session

9.30 – 10.00 hrs. Keynote Lecture : Chitin-chitosan for Life and Environment : From Concepts, Strategies, to Potential Applications

By : Assoc. Prof., Dr. Suwabun Chirachanchai

College of Petroleum and Petrochemical

10.00 – 12.05 hrs. Separate into 3 concurrent sessions

Group 1 : Science (At room 202, Jamjuree 4 Building)

10:00 – 10:25 hrs. Presentation I : Preparation of Chitosan/zeolite Membrane Electrode Assembly for fuel cell

By : Assoc. Prof., Dr. Khantong Soontarapa

Department of Chemical Technology, Faculty of Science

10:25 – 10:50 hrs. Presentation II : Bioactive Metabolites of Endophytic Fungi Isolated Form Thai Medicinal Plants

By : Assist. Prof. Dr. Khanitha Pudhom

Department of Chemistry, Faculty of Science

10:50 – 11:15 hrs. Presentation III : Mechanical sensing properties of barium titanate and barium-strontium Titanate thin films prepares by a sol-gel method

By : Lecturer Dr. Satreerat Kampangkeaw Hodak

Department of Physics, Faculty of Science

11:15 – 11:40 hrs. Presentation IV : Sol-Gel Synthesis of Metal Oxide Nanocrystal with the Aid of Structure - Directing Surfactant

By : Lecturer Dr. Thammanoon Sreethawong

College of Petroleum and Petrochemical

Group 2 : Health Science and Medical Science (At room 201, Jamjuree 3 Building)

10:00 – 10:25 hrs. Presentation I : The effect of Estrogen on the GABA_A receptor plasticity in ovariectomized rats

By : Assist. Prof. Dr. Sarinee Kalandakanond-Thongdong

Department of Physiology, Faculty of Veterinary Science

10:25 – 10:50 hrs. Presentation II : Renal inflammatory response and fibrogenesis in patients with nephrolithiasis

By : Assist. Prof. Dr. Chanchai Boonla

Department of Biochemistry, Faculty of Medicine

10:50 - 11:15 hrs. Presentation III : Effect of curcumin on biofilm formation of *Helicobacter pylori*

By : Assist. Prof. Dr. Nuntaree Chaichanawongsaroj

Department of Transfusion Medicine, Faculty of Allied Health Science

11:15 – 11:40 hrs. Presentation IV : Biodegradation of 17 alpha-methyltestosterone and isolation of 17-alpha-methyltestosterone

By : Lecturer Dr. Tawan Limpiyakorn

Institute of National Center of Excellence for Environmental and Hazardous Waste Management

11:40– 12:05 hrs. Presentation V : Production of Monoclonal Antibodies Against *Yersinia enterocolitica*

By : Assoc. Prof. Dr. Sirirat Rengpipat

Department of Microbiology, Faculty of Science

Group 3 : Engineering (At room 205, Jamjuree 3 Building)

10:00 – 10:25 hrs. Presentation I : Processing of Open-Cell Matrix Composite Foams

By : Lecturer Dr. Seksak Asavavisithchai

Department of Metallurgical Engineering, Faculty of Engineering

10:25 – 10:50 hrs. Presentation II : Efficiency of Cross-flow Microfiltration for Water Quality Control in Aquaculture System

- By : Assist. Prof. Wiboonluk Pungrasmi
Department of Environmental Engineering, Faculty of Engineering
- 10:50 - 11:15 hrs. Presentation III : Hydroxylation of toluene to cresols using H₂O₂ over modified Titanium Silicalite-1
- By : Assoc. Prof. Dr. Tharathon Mongkhonsi
Department of Chemical Engineering, Faculty of Engineering
- 11:15 – 11:40 hrs. Presentation IV : Fate and Transport Potentially Toxic Single and Binary Metals in Natural Mine Soil under Competitive Sorption Conditions
- By : Lecturer Dr.Aksara Putthividhyal
Department of Water Resources Engineering, Faculty of Engineering
- 11:40– 12:05 hrs. Presentation V : Port City Environmental Planing : case of Ranong Port, THAILAND
- By : Assist. Prof. Dr. Rahuth Rodjanapradied
Department of Urban and Regional Planning, Faculty of Architecture

Coffee and snack 10:00 hrs.

Luncheon at 12:05 hrs.
