

# The 17th CU-af Seminar (July 1, 2009)

## Keynote Lecture :

### **“Novel H1N1 influenza A virus 2009”**

by Prof. Yong Poovorawan, M.D.

Department of Pediatrics, Faculty of Medicine

## Research Titles and Presenters are :

### **Group 1 : Science and Health Science and Medical Science**

- 1) **“Improving blood compatibility of natural rubber by UV-induced graft copolymerization of hydrophilic monomers”**  
by Assist. Prof., Dr. Voravee P. Hoven  
Department of Chemistry, Faculty of Science
- 2) **“Fuel production from recycling plastic waste by catalytic cracking using Al-SBA-15 and B-SBA-15 catalysts”**  
by Lecturer Dr. Duangamol Nuntasri  
Department of Chemistry, Faculty of Science
- 3) **“Biodegradation and bioremediation of polycyclic aromatic hydrocarbon in soil under acidic condition”**  
by Assist. Prof., Dr. Onruthai Pinyakong  
Department of Microbiology, Faculty of Science
- 4) **“Effect of the -374 T/A RAGE gene polymorphism on transcriptional regulation in psoriasis”**  
by Assist. Prof., Dr. Tewin Tencomnao  
Department of Clinical Chemistry, Faculty of Allied Health Sciences
- 5) **“Immunomodulatory activity of piperine on human peripheral blood mononuclear cells”**  
by Lecture Dr. Siriporn Chuchawankul  
Department of Transfusion Medicine, Faculty of Allied Health Sciences

### **Group 2 : Engineering and Petrochemical**

- 1) **“Growth and characterization of InAs quantum dots on cross-hatch virtual substrates”**  
by Assoc. Prof., Dr. Songphol Kanjanachuchai  
Department of Electrical Engineering, Faculty of Engineering
- 2) **“Geostatistical approach in modeling non-aqueous phase liquid dissolution profiles with various entrapment architecture in subsurface environment”**  
by Assist. Prof., Veerasak Likhitrungsilp  
Department of Civil Engineering, Faculty of Engineering
- 3) **“Effect of adduct on the synergistic extraction of rare earth metal by a hollow fiber supported liquid membrane”**  
by Assoc. Prof., Dr. Ura Pancharoen  
Department of Chemical Engineering, Faculty of Engineering
- 4) **“An investigation on the use rice husk ash in thermoplastic composite for wood plastic application”**  
by Lecturer Dr. Sirijutaratana Covavisaruch  
Department of Chemical Engineering, Faculty of Engineering