

## 4. 海外研究助成 贈呈式/研究成果発表会 (Overseas Programs: Grant Presentation Ceremony and Seminar of Research Findings)

### ▶ チュラロンコン大学 (タイ) Chulalongkorn University, Thailand

2015年度の研究助成金贈呈式および当財団の助成を受けて進められた研究に関する第23回の成果発表会が、関係者列席のもと以下のスケジュールで開催された。

2015年6月15日 (月) 13時30分～16時45分  
Date: June 15, 2015 13:30-16:45

場所: Chamchuri 4 ビル  
Venue: Chamchuri 4 Building



MoUの取交し  
Exchanging the MoU



助成金受領者と関係者  
Grant Recipients and Associated People



贈呈状の授与  
Presentation of a Certificate

### 第23回成果発表会プログラム 23<sup>rd</sup> Seminar Program

No.	講演者 Lecturers	題目 Title
1	Prof. Dr. Suttichai Assabumrungrat Associate Dean for Research, Faculty of Engineering	Keynote Lecture: Multifunctional Reactors and Process Intensification for Hydrogen
第1分科会 Group 1 Room 202, Chamchuri 4 Building		
2	Lecturer Dr. Thanyada Rungrotmongkol Department of Biochemistry, Faculty of Science	Effect of dUMP Halogen Substitutions to Non - Covalent Complex Stability and Michael Addition Reactivity in Thymidylate Synthase/ dUMP/ mTHF Complex: Molecular Dynamics and Abinitio Quantum Mechanics/ Molecular Mechanics Technique
3	Asst. Prof. Dr. Sojiphong Chatraphorn Department of Physics, Faculty of Science	Diffusion of Group-III Elements in CuInSe <sub>2</sub> / CuGaSe <sub>2</sub> Bilayer Thin Films
4	Asst. Prof. Dr. Boonrat Lohwongwatana Department of Metallurgical Engineering, Faculty of Engineering	Improvement of Titanium-Based Bulk Metallic Glass Surface by Mechanical Process for Dental Implant Applications
5	Asst. Prof. Dr. Srilert Chotpantarat Department of Geology, Faculty of Science	Impacts of Colloidal Kaolinite on Facilitated Transport of Cadmium (Cd) in Saturated Sand Aquifer
6	Lecturer Dr. Yan ZHAO Department of ISE, Faculty of Engineering	A PC-to-PC Data Transfer System using Optical Wireless Communication
第2分科会 Group 2 Room 203, Chamchuri 4 Building		
7	Asst. Prof. Dr. Wiboonluk Pungrasmi Department of Environmental, Faculty of Engineering	Roles of Dissimilatory Nitrate Reduction to Ammonium (DNRA) Process in Aquaculture Wastewater Treatment System
8	Prof. Duangporn Werawatganon, MD. Department of Physiology, Faculty of Medicine	Curcumin Improved Oxidative DNA Damage and Decreased Incidence of Gastric Cancer Induced by Helicobacter Pylori Infection and N-Methyl-N-Nitrosourea in Rats
9	Asst. Prof. Dr. Chulee Yompakdee Department of Microbiology, Faculty of Science	Development of a Novel Yeast - Based Assay for Inhibitors of Human Carbonic Anhydrase Isozyme II
10	Asst Prof. Dr. Ekawan Luepromchai Department of Microbiology, Faculty of Science	Development of a Plant - Bacteria Approach to Reduce Atmospheric Polycyclic Aromatic Hydrocarbons
11	Prof. Dr. Sirichai Adisakwattana Department of Nutrition and Dietetics, Faculty of Allied Health Sciences	The Protective Effects of Ferulic Acid on High Glucose - Induced Protein Glycation, Lipid Peroxidation, and Alteration in Membrane Ion Pump Activity in Human Erythrocytes