

RIKEN-ACADEMIA SINICA

JOINT CONFERENCE on CHEMICAL BIOLOGY

October 15-16, 2015

1F, Auditorium, Genomics Research Center,
Academia Sinica

Co-chairs: *Dr. Chi-Huey Wong*, President, Academia Sinica
Dr. Tomoya Ogawa, Science Advisor, RIKEN

October 15, 2015

09:30-17:20 Lectures

Dr. Naoyuki Taniguchi

- ▶ N-Acetylglucosaminyltransferase III (GnT-III) is a Novel Drug Target for Alzheimer's Disease

Dr. Ching-Shih Chen

- ▶ Development of Novel Cancer Therapeutic Agents

Dr. Hiroyuki Osada

- ▶ Screening of Antimicrobial Agents in NPDepo

Dr. Jim-Min Fang

- ▶ Development of Anti-influenza Drugs

Dr. Shang-Cheng Hung

- ▶ Bridge Organic Molecular Structures and Origami Art

Dr. Tadashi Suzuki

- ▶ Story of the Cytoplasmic Peptide: N-glycanase (Ngly1) - update

Dr. Chung-Yi Wu

- ▶ Development of Carbohydrate-based Vaccines

Dr. Han-Chung Wu

- ▶ Development of Targeting Drug Delivery Systems for Cancer Molecular Imaging and Therapy

Dr. Yoshiki Yamaguchi

- ▶ Atomic-level Visualization of a Flipped-back Conformation of Bisected N-glycans

Dr. Ming-Daw Tsai

- ▶ Use of Site Specifically Phosphorylated Proteins to Examine the Mechanism of Autophosphorylation of Rad53 Kinase

October 16, 2015

09:30-17:20 Lectures

Dr. Mikiko Sodeoka

- ▶ Turn-on Fluorescent Affinity Labeling Using a Small Bifunctional O-nitrobenzoxadiazole Unit

Dr. Yun-Ru Chen

- ▶ Understanding the Mechanism of Amyloid Formation: Stories of Amyloid- β and TDP-43

Dr. Yu-Ju Chen

- ▶ Nanoprobe-based Affinity Mass Spectrometry towards Comprehensive Glycoproteomics

Dr. Nobumoto Watanabe

- ▶ Cell Cycle Arrest with Small Molecule Inhibitors of Phosphorylation Dependent Protein-protein Interaction

Dr. Kuo-I Lin

- ▶ The Impact of Glycans on B Cell Immunity

Dr. Yukishige Ito

- ▶ Chemical Approaches to Glycoprotein Processing Enzymes

Dr. Wei-Chieh Cheng

- ▶ From Natural Product-inspired Alkaloids to the Development of Small Molecules for Modulation of Sugar-processing Enzymes

Dr. Yasumitsu Kondoh

- ▶ Chemical Array for Screening of Inhibitors

Dr. Takashi Angata

- ▶ Involvement of Siglec-14 in Inflammatory Diseases

Dr. Minoru Yoshida

- ▶ Identification of Endogenous Metabolites that Regulate Hypoxia Response and Epigenetics

- Online Registration: <http://iao.sinica.edu.tw>
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