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

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