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Scientific Program

Joint Event on

Enzymology, Glycobiology & Biochemistry

May 10-11, 2019 Tokyo, Japan

Hosting Organization: Conference Series LLC Ltd.
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Day 1 May 10, 2019

08:30-09:00 Registrations — **Hall**

conferenceseries.com **09:00-09:25** Opening Ceremony

09:25-09:30 Introduction

Keynote

09:30-10:10
Title: Roles of polyvalency of glycotopes in the mechanism of protein-glycan interactions, one of the most potential directions for the transforming glycosciences
Albert M Wu, Chang Gung University, Taiwan

Session: Enzymology & Biochemistry | Clinical Enzymology | Enzymology & Proteomics | Enzyme Kinetics | Glycans in Drug Design | Recent Advances in Glycobiology | Structural Bioinformatics and Proteomics | Glycans in Diseases and Therapeutics | Glycopathology: Glycans in Cancer | Cellular and Molecular Biology

Session Introduction

Session Chair: Shiela Marie D Bahia, Balayan National High School, Philippines

10:10-10:40
Title: Enzyme assembly on crosslinked and cyclic protein scaffolds
Zhenjun Liu, Chinese University of Hong Kong, Hong Kong

10:40-11:10
Title: Transcriptome analysis of mature seeds of Moringa Oleifera and identification of genes related to lipid biosynthesis
Shiela Marie D Bahia, Balayan National High School, Philippines

Networking and Refreshments Break: 11:10-11:30

11:30-12:00
Title: Expression of Sialyl Le^x, Sialyl Le^a, Le^x and Le^y glycotopes in secreted human ovarian cyst glycoproteins
Albert M Wu, Chang Gung University, Taiwan

12:00-12:30
Title: Exploring and engineering the application potential of sucrose transglycosidases
Tom Desmet, Ghent University, Belgium

Group Photo

Lunch Break: 12:30-13:30

Session: Lipid and Lipoprotein Metabolism | Industrial Applications of Enzymology | Molecular Enzymology | Glycobiology: It's Role in Human Health | Synthesis and Biological Role of Glycans | Glycobiology and Glycochemistry | Glycobiology and Biotechnology | Structural Bioinformatics

Session Introduction

Session Chair: Shiela Marie D Bahia, Balayan National High School, Philippines

13:30-14:00
Title: Design and synthesis of ultra sensitive peptidyl FRET substrates for medically important enzymes
Zeba Haque, Dow University of Health Sciences, Pakistan

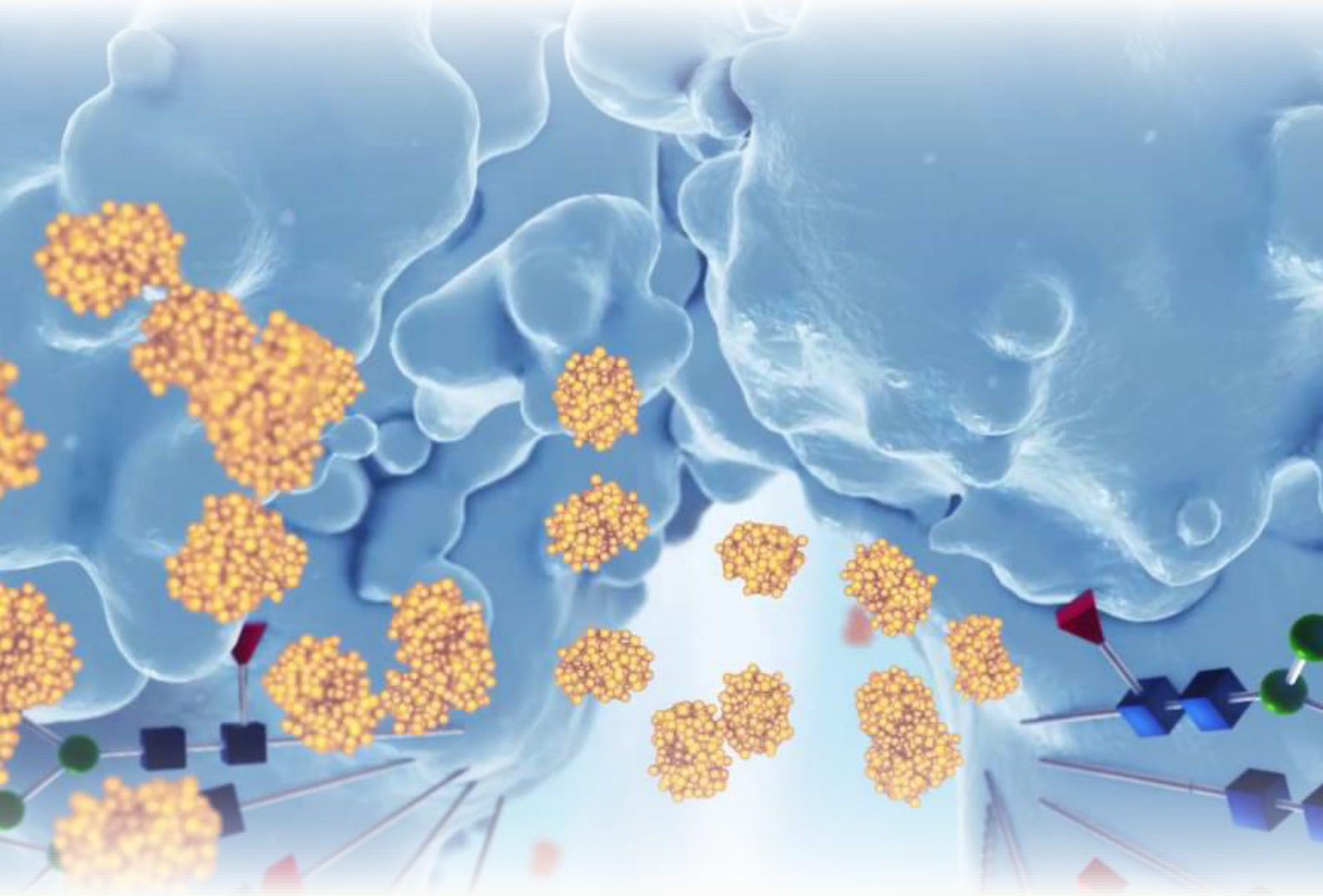
Poster Presentations @ 14:00-14:30

NCS101
Title: Enzyme assembly on crosslinked and cyclic protein scaffolds
Zhenjun Liu, Chinese University of Hong Kong, Hong Kong

NCS102
Title:Binding of the gastric pathogen Helicobacter pylori to recombinant mucin fusion proteins carrying Le^b, SLe^x, LacdiNAc and GlcNAcα1,4Gal determinants on O-glycan cores
Yolanda Mthembu, Gothenburg University, Sweden

NCS103
Title: Spatiotemporal-controlled reporter for cell surface proteolytic enzyme activity visualization
Cheong Haolun, Nanyang Technological University, Singapore

NCS104	**Title:AF suppresses cell migration by blocking epithelial-mesenchymal transition in lung cancer cells.** **Young-Chae Chang**, Catholic University of Daegu, South Korea
Session Continues:	
14:30-15:00	**Title: Species diversity and vegetation of Fiqra Mountains in Madinah, Saudi Arabia** **Abdullah M Al Qahtani**, King Saud University, Saudi Arabia
	Networking and Refreshments Break: 15:00-15:20
15:20-15:50	**Title: HIV Tat-induced activation of the ERK pathway and HIV gene expression precede the proliferation and dedifferentiation of renal cells in HIV-Tg26 mice** **Pingtao Tang**, Children's National Health System, USA
15:50-16:20	**Title: Targeting ovarian cancer using cholesterol conjugated HSP27 inhibitor encapsulated into nano low density lipoprotein particles** **Laila A Alhadad**, Kuwait University, Kuwait
Panel Discussion	
Awards & Closing Ceremony	

Day 2 May 11, 2019

Netwoking & Lunch: 12:00-13:30