

Program of the First China-Canada Symposium on Systems Biology

(October 20 - 22, 2010, Dalian, China)

Venue: Conference Hall, Biotechnology Building, Dalian Institute of Chemical Physics (DICP),

October 20, 2010 (Wednesday)		
9:00 - 21:00	Registration at Dalian Bayshore Hotel	
19:00	Reception at the 4 th floor of Dalian Bayshore Hotel	
October 21, 2010 (Thursday)		
8:30 - 9:00	Opening Ceremony: Presided by Prof. Hanfa Zou Opening Remarks: Leader of DICP, Prof. Daniel Figeys, Prof. Shengli Yang	
9:00 - 9:15	<i>Taking Photos at Front of Building</i>	
Presided by Prof. Shengli Yang		
9:15 - 9:45	Dynamic analysis of type 2 diabetic progression with proteomic approach Jiarui Wu (Shanghai Institutes of Life Sciences, CAS, China)	Page 1-2
9:45 - 10:15	Automated enzyme-based diagonal capillary electrophoresis: application to phosphopeptide characterization Norman J. Dovichi (University of Notre Dame, USA)	Page 3-4
10:15 - 10:30	<i>Coffee Break</i>	
Presided by Prof. Xinmiao Liang		
10:30 - 11:00	Control of experimental atrial fibrillation by microRNAs Jing Ai (Harbin Medical University, China)	Page 5-8
11:00 - 11:30	Positional N-terminal and C-terminal proteomics deciphers protein terminal and proteolytic post-translational modifications in complex proteomes in vivo Christopher M. Overall (University of British Columbia, Canada)	Page 9-11
11:30 - 12:00	Quantitative proteomics into the downstream proteins of mTOR pathways in fibroblast cells Siqi Liu (Beijing Institute of Genomics, CAS, China)	Page 12-13
12:00 - 13:30	<i>Lunch at DICP Cafeteria</i>	
13:30 - 15:00	<i>Coffee Break & Visit the Posters</i>	
Presided by Prof. Lihua Zhang		
15:00 - 15:30	Systems biological study of kinetochore society in mammalian cell division Xuebiao Yao (China University of Sciences and Technology, China)	Page 14-15
15:30 - 16:00	Deciphering cellular networks and pathways using yeast functional genomics Brenda Andrews (University of Toronto, Canada)	Page 16-17
16:00 - 16:30	Biological laboratory on a Chip Jianhua Qin (Dalian Institute of Chemical Physics, CAS, China)	Page 18-19
16:30 - 17:00	A systems biology approach to understanding organelle biogenesis: a voyage from gene transcription to organelle inheritance Richard A. Rachubinski (University of Alberta, Canada)	Page 20-21
17:00 - 18:00	<i>Coffee Break & Lab Tour</i>	
18:00	<i>Banquet at Shunfeng Restaurant, the 2nd floor of Dalian Bayshore Hotel</i>	

October 22, 2010 (Friday)		
Presided by Prof. Ren'an Wu		
8:30 - 9:00	A systems approach to studying arsenic binding to cellular proteins X. Chris Le (University of Alberta, Canada)	Page 22-23
9:00 - 9:30	Ionic liquids based solvent system for membrane proteome analysis Lihua Zhang (Dalian Institute of Chemical Physics, CAS, China)	Page 24-26
9:30 - 10:00	The systems biology of protein trafficking diseases David Y. Thomas (McGill University, Canada)	Page 27-28
10:00 - 10:30	Acetylated metabolic enzymes pave the pathways to a coordinated metabolism Shimin Zhao (Fudan University, China)	Page 29-30
10:30 - 10:45	<i>Coffee Break</i>	
Presided by Prof. Jianhua Qin		
10:45 - 11:15	Liver diseases and microbiome-metabonome interactions in mammals Huiru Tang (Wuhan Institute of Physics and Mathematics, CAS, China)	Page 31-32
11:15 - 11:45	Contribution of the gut microbiota to infectious and pediatric inflammatory bowel diseases Alain Stintzi (University of Ottawa, Canada)	Page 33-34
11:45 - 12:15	Analysis of protein interactomes of mutant apolipoproteins associated with disease Zemin Yao (University of Ottawa, Canada)	Page 35-37
12:15 - 14:00	<i>Lunch at DICP Cafeteria & Visit the Posters</i>	
Presided by Prof. Hailin Wang		
14:00 - 14:30	A yeast "KATalogue" of genetic and protein interactions identifies novel roles for NuA4 in the cell cycle Kristin Baetz (University of Ottawa, Canada)	Page 38-39
14:30 - 15:00	Simultaneous enrichment of glycopeptides and phosphopeptides using metal oxide microspheres Xinmiao Liang (Dalian Institute of Chemical Physics, CAS, China)	Page 40-41
15:00 - 15:30	Structural and functional characterization of myeloid lymphoma leukemia 1 core complex assembly and regulation Jean-Francois Couture (University of Ottawa, Canada)	Page 42-43
15:30 - 16:00	Cooperative Assembly of E. coli RecA protein on Single-Stranded DNA Hailin Wang (Research Center for Eco-Environmental Sciences, CAS, China)	Page 44-46
16:00 - 16:15	<i>Coffee Break</i>	
Presided by Prof. Norman J. Dovichi		
16:15 - 16:45	Development of technology and methods for phosphoproteome analysis Hanfa Zou (Dalian Institute of Chemical Physics, CAS, China)	Page 47-49
16:45 - 17:15	Sub-cellular proteomics: protein interaction mapping and protein quantitation. Daniel Figey's (University of Ottawa, Canada)	Page 50-51
17:15 - 17:30	Closing Remarks by Prof. Yukui Zhang and Prof. Daniel Figey's	
18:00	<i>Dinner at Xinghai Fishing Harbor Restaurant</i>	