

Agenda for CNPN 2013 Symposium: "Can Proteomics Fill the Gap Between Genomics and Phenotypes?"

Workshops Location: April 20-21, 2013: University of British Columbia Michael Smith Laboratories, 2185 East Mall, Vancouver, BC, V6T 1Z4, Canada

Main Conference Location: April 21-24, 2013: Coast Coal Harbour Hotel Ballroom, 1180 West Hastings Street Vancouver, BC, V6E 4R5, Canada

Saturday April 20, 2013		Sunday April 21, 2013		Monday April 22, 2013		Tuesday April 23, 2013		Wednesday April 24, 2013							
8:30 - 12:30	Trans Proteomic Pipeline 1 WORKSHOP <i>UBC Michael Smith Laboratories, Room 101</i>	8:30 - 12:30	Trans Proteomic Pipeline 3 WORKSHOP <i>UBC Michael Smith Laboratories, Room 101</i>	8:00	REGISTRATION										
					Post Translational Modifications and Terminomics in Disease (Chris Overall)			Structural and Chemical Proteomics Analysis of Modified Proteins in Disease (Liang Li)			Progress on the Human Proteome Project (Gill Omenn)				
				8:20	Chris Overall WELCOME ADDRESS										
				8:30	Thierry Meinel , CNRS Centre de Recherche de Gif <i>Protein N-terminal Modifications at the Proteome Scale and their Impact on Cell Functions</i>	8:30	Liang Li , University of Alberta <i>Shotgun Protein Sequencing by Mass Spectrometry</i>	8:30	Gilbert Omenn , University of Michigan <i>Overview of the Strategy, Organization, and Progress of the HUPO Global Human Proteome Project</i>						
				9:00	Paul Tempst , Memorial Sloan Kettering <i>Aminopeptidase Activities as Biomarkers for Cancer</i>	9:00	Rob Moritz , Institute for Systems Biology <i>Whole Proteome Resources for SRM Assay Development</i>	9:00	Paul Keown , University of British Columbia <i>The Canadian Chromosome 6 Consortium: Integrating chromosome-centric and biology/disease driven strategies</i>						
				9:30	Chris Overall , University of British Columbia <i>Terminomics Identifies New Inflammatory Pathways Under Proteolytic Regulation in vivo</i>	9:30	Abstract 25' Talk	9:30	Bill Hancock , Northeastern University <i>Genome-wide proteomics: The Specification of the Parts Lists of Chromosome 17 as part of the Chromosome-centric Human Proteome Project</i>						
				10:00	Abstract 10' Talk	10:00	Abstract 10' Talk	10:00	Abstract 10' Talk						
				10:15	MORNING COFFEE BREAK				10:15	MORNING COFFEE BREAK		10:15	MORNING COFFEE BREAK		
				8:30 - 12:30	Multiple Reaction Monitoring WORKSHOP <i>UBC Michael Smith Laboratories, Lecture Theatre Room 102</i>	10:45	Gilbert Omenn , University of Michigan <i>Splice Variant Proteins as a New Class of Cancer Biomarker Candidates</i>	10:45	Natalie Strynadka , University of British Columbia <i>Structure-based Analysis of Bacterial Membrane Protein Assemblies</i>	10:45	Tommy Nilsson , McGill University <i>Lipid Droplets at the Crossroad of Non-Alcoholic Fatty Liver Disease</i>				
				11:15		David Vocadlo , Simon Fraser University <i>Mass Spectrometry Activity Based Probes for Glycoproteomics</i>	11:15	Christoph Borchers , University of Victoria <i>Novel Approaches for Structural Proteomics, Application to Proteins Involved in Neurodegenerative Diseases</i>	11:15	Bruno Doman , Luxembourg Clinical Proteomics Center <i>Highly Multiplexed Quantitative Analyses of Clinical Samples Using High-Resolution / Accurate Mass Spectrometry</i>					
11:45	Pierre Thibault , Universite de Montreal <i>Emerging Roles of Protein SUMOylation Unveiled Using SUMO Remnant Affinity Enrichment and Quantitative Proteomics</i>	11:45	Abstract 10' Talk	11:45		Round-Table Forum: Identifying a Disease Focus for Canada in the HPP Chairs: Dr Paul Keown & Michael Siu									
12:15	Abstract 10' Talk	12:00	Abstract 25' Talk												
12:30	LUNCH	12:30	LUNCH	12:30	LUNCH/TECH TALK		12:30	LUNCH/TECH TALK							
					Bioinformatics Solutions Tech Talk: Beyond Database Search: Identifying Mutations, PTMs, and Novel Peptides	12:30	Thermo Tech Talk: Protein Quantitation Using Stable Isotope Labeling in Mammals (SILAM) to Understand Human Disease and Injury (John Yates)	12:30	Bruker Tech Talk: Analytical advances for on-tissue MALDI analysis						
1:30 - 5:00	Trans Proteomic Pipeline 2 WORKSHOP <i>UBC Michael Smith Laboratories, Room 101</i>	1:30 - 5:00	Trans Proteomic Pipeline 4 WORKSHOP <i>UBC Michael Smith Laboratories, Room 101</i>		Discriminating Biomarkers and Modified Proteins by Bioinformatics (Paul Pavlidis)			Emergent Properties of Systems Analyzed from Interactomics and Pathways (Anne-Claude Gingras)			Pan-American HUPO (Christoph Borchers)				
				1:30	Pascale Gaudet , Swiss Institute of Bioinformatics <i>neXtProt in the Context of Human Protein Initiatives</i>	1:30	Marc Wilkins , University of New South Wales <i>The Dynamics of the Interactome</i>	1:30	Bill Hancock , Northeastern University <i>Importance of Pan American HUPO</i>						
				2:00	Paul Pavlidis , University of British Columbia <i>Gene Multifunctionality and the Interpretation of Protein Networks</i>	2:00	Anne-Claude Gingras , Mount Sinai Hospital <i>When Kinases and Phosphatases Run Wild: Cancer-associated Signaling Interactomes</i>	1:40	Gilbert Omenn , University of Michigan <i>Establishing Standard Baseline Metrics for the HUPO Human Proteome Project</i>						
				2:30	Nuno Bandeira , University of California, San Diego <i>Towards Extensive Characterization of all Variation on the Human Proteome</i>	2:30	Abstract 25' Talk	2:10	Gilberto Domont , Universidade Federal do Rio de Janeiro, Brazil <i>Discovery driven venomomics: the poison of Brazilian rattle and coral snakes</i>						
				3:00 - 6:00	BC Proteomics Network Symposium (Christoph Borchers)		3:00	COFFEE AT POSTERS (Even Numbers)		3:00	COFFEE AT POSTERS (Odd Numbers)		2:40	AFTERNOON BREAK	
				3:00	Opening Address		4:10	Abstract 20' Talk	4:10	Abstract 10' Talk	3:10	Victoria Pando-Robles , National Public Health Institute, Mexico <i>Quantifying the impact of dengue virus infection on monocyte cell line proteins</i>			
				3:15	Bingyun Sun , Simon Fraser University <i>Title TBA</i>		4:35	Abstract 20' Talk	4:25	Abstract 10' Talk	3:40	Luis Teran , Instituto Nacional de Enfermedades Alergicas, Mexico <i>Proteomics in respiratory virus disease</i>			
				3:45	Yossef Av-Gay , University of British Columbia <i>Title TBA</i>		5:00	CNPN Annual Assembly	4:40	Abstract 25' Talk	4:10	Panel Discussion: What is Pan-American HUPO and how is it integrated with HUPO , Chairs: Bill Hancock and Gilbert Omenn			
				4:15	Gregg Morin , University of British Columbia <i>Title TBA</i>		5:10		Abstract 25' Talk						
				4:45	Pascal Bernatchez , University of British Columbia <i>Title TBA</i>										
5:15	BCPN Annual General Meeting		6:00 - 8:00	Poster Session + Mixer		5:40	CNPN Distinguished Scientist Award Presentation and Talk		5:00	Meeting Closes					
						6:30	Conference Dinner								