



香港浸會大學
HONG KONG BAPTIST UNIVERSITY



環境與生物分析國家重點實驗室
State Key Laboratory of
Environmental and Biological Analysis



香港浸會大學理學院
HKBU Faculty of Science
Department of Chemistry

Distinguished Seminar of SKLEBA

Deciphering Biological Insights from Time-Resolved Proteomics

by

Prof Pierre Thibault

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Research in Immunology and Cancer, Université de Montréal;
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Date : 15 May 2017 (Monday)

Time : 2: 00 p.m.

Venue: SCT 909
Cha Chi-Ming Science Tower
Ho Sin Hang Campus
Hong Kong Baptist University

All Interested are Welcome



Biography of Prof Pierre Thibault

Dr. Pierre Thibault is a renowned bioanalytical chemist specialized in mass spectrometry and proteomics with more than 20 years experience as a principal investigator in academic, government and industry laboratories. Before joining IRIC in 2004, Dr. Thibault was a founding director at Caprion Pharmaceuticals (2001-2004) where he developed an innovative proteomics platform together with bioinformatic tools to identify and quantify proteins differentially expressed in cancer cells as part of immunotherapy programs in partnership with pharmaceutical companies. He was also a Senior Research Officer with the National Research Council of Canada's Institute of Marine Biosciences in Halifax (1990-1996) and Institute of Biological Sciences in Ottawa (1996-2002). He pioneered the use of sensitive high resolution separation methods and microfluidic devices coupled to mass spectrometry and their applications in protein chemistry and cell biology. His current research program in mass spectrometry-based proteomics provides a deeper understanding of molecular mechanisms and post-translational modifications, which regulate the function and translocation of proteins involved in immunity and signalling in cancer cells. His scientific achievements in this area have been recognized by numerous awards and distinctions including the Maxxam award, the National Research Council Outstanding merit award for scientific innovation and the Canada Research Chair in bioanalytical mass spectrometry and proteomics. He authored more than 215 publications in scientific journals including *Cell*, *Nature*, and *Nature medicine*. He is editor of the journal *Rapid Communications in Mass Spectrometry and Molecular & Cellular Proteomics*. He regularly serves as member of peer review committees, consultant for instrumentation companies and Scientific Advisor to funding agencies and research institutes. His current responsibilities also include the presidency of the Canadian National Proteomics Network and the coordination of the Montreal Mass Spectrometry Discussion Group.