

BIOGRAPHICAL SKETCH

NAME Maxey C.M. Chung	POSITION TITLE Associate Professor and Head / Principal Investigator: Oncoproteomics Laboratory		
CURRENT AFFILIATION Department of Biochemistry Yong Loo Lin School of Medicine and Department of Biological Sciences Faculty of Science National University of Singapore			
EDUCATION / TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Victoria University of Wellington, Wellington, New Zealand	B.Sc.	1972	Chemistry
Victoria University of Wellington, Wellington, New Zealand	M.Sc.(Hons)	1973	Chemistry
Victoria University of Wellington, Wellington, New Zealand	Ph.D.	1974-1977	Biochemistry
John Curtin of Medical Research, The Australian National University, Canberra, Australia	Research Fellow	1980-1983	Protein Chemistry

List of five recent publications by the candidate:

1. Wilson Wen Bin Goh, Yie Hou Lee, Ramdzan Zubaidah, Jingjing Jin, Difeng Dong, Qingsong Lin, **Maxey C.M Chung**, and Limsoon Wong. A network-based pipeline for analyzing MS data – An application towards liver cancer. *Journal of Proteome Research* 2011 May 6;10(5):2261-72.
2. Yie Hou Lee, Hwee Tong Tan, and **Maxey C.M. Chung**. Subcellular Fractionation Methods and Strategies for Proteomics. *Proteomics*. 2010 Nov;10(22):3935-56.
3. Cynthia R.M.Y. Liang, Sandra Tan, Hwee Tong Tan, Qingsong Lin, Teck Kwang Lim, Yi Liu, Khay Guan Yeoh, Jimmy So and **Maxey C.M. Chung**. Proteomic Analysis of Human Gastric Juice: A Shotgun approach, *Proteomics*. 2010 Nov; 10 (21):3928-31.
4. Lee YH, Lin Q, Boelsterli UA, **Chung MCM**. The Sod2 mutant mouse as a model for oxidative stress: A functional proteomics perspective. *Mass Spectrom Rev*. 2010 Mar-Apr;29(2):179-96.
5. Tan, H.T., Low, J-Y., Lim, S.G. and **Chung, M.C.M.** (2009) Serum auto-antibodies as biomarkers for early cancer detection. *FEBS Journal*, **276**: 6880 – 6904.

Please indicate in 200 words or less the reason(s) why you would be a suitable candidate for the HUPO Council elections.

I have a keen interest and passion to promote proteomics research in the Asia Pacific region as well as around the world. My laboratory has been focusing on proteomics research, especially cancer biomarker discovery for 10 years, and protein structure and function studies for the last 25 years. In the field of cancer biomarker discovery, our focus has been on gastrointestinal cancers. In recent years, my laboratory has also focused on the identification and elucidation of the proteins and pathways involved in cancer metastasis as well as cancer cell response to HDACi (histone deacetylase inhibitor) treatment such as butyrate using functional proteomics approaches. We are one of the leading groups in proteomics research in Singapore and are regularly consulted upon by other proteomics researchers as well as clinicians for proteomics advice, technical expertise and collaborative works.

I have been an active council member of AOHUPO since its inception, and I am currently the **Secretary General**. I am also presently the **Chair of the HUPO Awards Committee**, a post I have held since 2009. I am serving as **Senior Editor** for Proteomics and Proteomics - Clinical Applications at present, as well as being a member of **the Editorial Boards** of *Journal Proteome Research* and *Journal of Proteomics*. I have co-edited (with Bill Jordan) in 2008 a Special Issue of Proteomics on **“Membrane Proteomics”**, and more recently on a special issue on **“Subcellular Proteomics”** that was published in November, 2010. In addition I am also a regular reviewer for several leading biochemical and proteomics journals.