

BIOGRAPHICAL SKETCH

NAME K.W. Michael Siu	POSITION TITLE Distinguished Research Professor; NSERC / MDS Analytical Technologies (formerly SCIEX) Chair; Director, Centre for Research in Mass Spectrometry; Associate Vice-President Research		
CURRENT AFFILIATION York University			
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
University of Hong Kong, Hong Kong	B.Sc.	1973-1976	Chemistry
University of Birmingham, U.K.	M.Sc.	1976-1977	Chemistry
Dalhousie University, Canada	Ph.D.	1977-1981	Chemistry
Dalhousie University, Canada		1981	Chemistry, PDF

List of five recent publications by the candidate:

188. Heterogeneous Ribonucleoprotein K (hnRNP K) is a Marker of Oral Leukoplakia and Correlates with Poor Prognosis of Squamous Cell Carcinoma. A. Matta, S.C. Tripathi, L.V. DeSouza, J. Grigull, J. Kaur, S.S. Chauhan, A. Srivastava, A. Thakar, N.K. Shukla, R. Duggal, S. DattaGupta, R. Ralhan and K.W.M. Siu. *Int. J. Cancer.*, accepted March 26, 2009.
187. Absolute Quantification of Potential Cancer Markers in Clinical Tissue Homogenates using Multiple Reaction Monitoring on a Hybrid Triple Quadrupole / Linear Ion Trap Tandem Mass Spectrometer. L.V. DeSouza, A.D. Romaschin, T.J. Colgan and K.W.M. Siu, *Anal. Chem.*, 3462-3470, 81 (2009).
182. iTRAQ-Multidimensional Liquid Chromatography and Tandem Mass Spectrometry based Identification of Potential Biomarkers of Oral Epithelial Dysplasia and Novel Networks between Inflammation and Premalignancy. R. Ralhan, L.V. DeSouza, A. Matta, S.C. Tripathi, S. Ghanny, S.D. Gupta, A. Thakar, S.S. Chauhan and K.W.M. Siu, *J. Proteome Res.*, 8, 300-309 (2009).
180. Structure of the Observable Histidine Radical Cation in the Gas Phase: a Captodative α -Radical Ion. J. Steill, J. Zhao, C.-K. Siu, Y. Ke, U.H. Verkerk, J. Oomens, R.C. Dunbar, A.C. Hopkinson and K.W.M. Siu, *Angew. Chem. Int. Ed.*, 47, 9666-9668 (2008).
176. Study of an RNA Helicase Implicates Small RNA-Noncoding RNA Interactions in Programmed DNA Elimination in Tetrahymena. L. Aronica, J. Bednenko, T. Noto, L.V. DeSouza, K.W.M. Siu, J. Loidl, R.E. Pearlman, M.A. Gorovsky and K. Mochizuki, *Genes & Dev.*, 22, 2228-2241 (2008).

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

- Demonstrated scientific and administrative leadership
- Active in proteomics research and participants of HUPO conferences
- Submitted winning bid for HUPO 2009, co-organize and supply leadership for conference
- Experience in boards of directors and governors (national chemistry society, York University, provincial non-profit scientific organization), advisory councils, and journal advisory boards: e.g., Chair, Board of Directors, Canadian National Proteomics Network (Canadian HUPO); President, Canadian Society for Mass Spectrometry; Chair, Board of Directors, Ontario Cancer Biomarker Network; Editorial Advisory Board of Journal of ASMS, Mass Spectrometry Reviews, Clinical Proteomics, etc.
- Published over 180 scientific publications, six peer-reviewed book chapters, and edited two books.
- Gave over 360 presentations, > 60% were in invited, keynote, plenary, or award lectures
- Canadian national grant review committees: Canadian Cancer Society Research Institute, Canadian Institutes of Health Research, Natural Sciences and Engineering Research Council of Canada, etc.
- Awardee of professional and national awards in 1991, 1994, 1996, 2002, 2004, 2005, 2006, 2007, and 2009.
- CV and one-page biography attached.