

BIOGRAPHICAL SKETCH



NAME Kazuyuki Nakamura		POSITION TITLE Professor and Chairman	
CURRENT AFFILIATION Yamaguchi University Graduate School of Medicine			
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
Yamaguchi University School of Medicine	M.D.	1976	Medicine
Yamaguchi University Graduate School of Medicine	Ph.D.	1981	Biochemistry
National Institute of Health, NHLBI	Fogarty Fellowship	1981-1983	Biochemistry

Dr. Kazuyuki Nakamura, Professor and Chairman in Department of Biochemistry and Functional Proteomics, Yamaguchi University Graduate School of Medicine, is serving for the promotion of human proteomics as a HUPO Council member, a member of Education & Training (E&T) Committee, a co-chair of Human Disease Glycomics Proteome Initiative (HGPI), an advisory member of Human Kidney and Urine Proteome Project (HKUPP), an AOHUPO Vice President (E&T Mission), a member of Membrane Proteomics Initiative (MPI), and a Past President of Japan HUPO. He is active in E&T of young scientists in Asia not only as a Member of HUPO E&T Committee but also a President of Japanese Electrophoresis Society (JES). He organized a Joint Meeting of AOHUPO symposium and JES symposium for the Satellite Meeting of 20th IUBMB to promote E&T in Japan. He is interested in the discovery of biomarkers and therapeutic targets for HCV-related Hepatocellular Carcinoma and Pancreatic Cancer using two-dimensional gel electrophoresis combined with tandem mass spectrometry, and in the development of Cys-tag-Protein Chips for high through-put analyses of protein-protein interactions. His interest is shifting to Membrane Proteomics, Cancer Immunology and Immuno-Proteomics for the development of new diagnostic tools and non-invasive curative treatments of malignant tumors. He is also serving for the promotion of proteomics as an Associate Editor of *Proteome Science*, and an Editorial Board Member of *Proteomics*, *Expert Review of Proteomics*, and so on. His mission is to promote E&T of graduate students and young scientists being experts in the field of functional proteomics and clinical proteomics for understanding Molecular System of Life.

List of five recent publications:

- 1) A HUPO test sample study reveals common problems in mass spectrometry-based proteomics.
Bell A.W., Deutsch E., Au C.E., Kearney R.E., Beavis R., Sechi S., Nilsson T, Bergeron J.J.M. & HUPO Test Sample Working Group (Nakamura K. et al.) *Nature Methods* 6, 423-430 (2009)
- 2) Japan HUPO for Promotion of Global Collaborations in Human Proteomics.
Nakamura K. and Hirano H. *Mol Cell Proteomics*. 7(12), 2486-7 (2008)
- 3) The AOHUPO Membrane Proteomics Initiative, Fourth Workshop June 2008 Cairns, Australia.
Chung C.M., Nakamura K. and Jordan T.W. *Proteomics* .8(19), 3920-3923 (2008)
- 4) Comparison of the methods for profiling glycoprotein glycans-HUPO Human Proteome Glycomics/Proteome Initiative Multiinstitutional study.
Wada Y., Azadi P., Costello C.E., Dell A., Dwek R.A., Geyer H., Kakehi K., Karisson N.G., Kato K., Kawasaki N., Khoo K.H., Kim S., Kondo A., Lattova E., Mechref Y., Kiyoshi E., Nakamura K., Narimatsu H., Novotny M.V., Packer N.H., Perreault H., Peter-Katalinic J., Pohlentz G., Reinhold V.N., Rudd P.M., Suzuki A., and Taniguchi N., *Glycobiology*. 17(4),411-22 (2007)
- 5) Proteomic analysis of cancer tissues: shedding light on carcinogenesis and possible biomarkers.(Review)
Kuramitsu Y. and Nakamura K. *Proteomics* 6(20), 5650-5661 (2006)