

**2nd Workshop of Human Kidney & Urine Proteome Project (HKUPP)**

**“Towards Standards for Urine Proteomics”**

Thursday, November 1, 2007  
15:00 pm – 18:00 pm  
Marriott San Francisco, San Francisco  
Room: Yerba Buena  
Ballroom-Salon 13 & 14

**15:00-17:00 Session 1 Towards standards for urine proteomics**

**Co-chairs:** Robyn G Langham (University of Melbourne, Australia) and Visith Thongboonkerd (Mahidol University, Thailand)

15:00-15:10 **Introduction**

Tadashi Yamamoto  
Chair of HKUPP, Niigata University, Niigata, Japan

15:10-15:25 **Urinary profiling by MALDI MS and 2DE-based approaches: Optimizing urine processing and protein sample preparation**

P Zerefos, M. Makridakis, and A. Vlahou  
Biomedical Research Foundation of the Academy of Athens, Greece

15:25-15:40 **Standardization of peptidome profiling of human urine by SELDI-TOF MS and magnetic bead separation MS**

Hassan Dihazi, Gerhard A Mueller  
Clinical Proteomics Laboratories, Nephrology and Rheumatology, Georg-August University Goettingen, Goettingen, Germany

15:40-15:55 **CE-MS analysis of low molecular weight urinary proteins**

JP Schanstra<sup>1</sup>, and Herald Mischak<sup>2</sup>  
<sup>1</sup>Inserm U858, 12MR, Renal and Cardiac Remodeling, Toulouse, France, and <sup>2</sup>Mosaiques Diagnostics and Therapeutics, Hanover, Germany

15:55-16:10 **Two-dimensional gel electrophoresis-based proteome analysis of normal human urine proteome: optimization of urine sample handling and quantitative**

**difference between healthy children and adults**

Yutaka Yoshida<sup>1</sup>, Yoshimi Nagasaka<sup>1</sup>, Izumi Taguchi<sup>1</sup>, Masahito Miyamoto<sup>1</sup>, Bo Xu<sup>1</sup>, Ying Zhang<sup>1</sup>, Kenji Miyazaki<sup>2</sup>, Akira Tsugita<sup>2</sup>, Eishin Yaoita<sup>1</sup>, Hidehiko Fujinaka<sup>1,3</sup>, Tadashi Yamamoto<sup>1</sup>

<sup>1</sup>Department of Structural Pathology, Institute of Nephrology, Niigata University, Niigata, <sup>2</sup>Proteomics Research Center, Fundamental and Environmental Res. Labs. NEC Corp., Tsukuba, and <sup>3</sup>Institute for Clinical Research, Niigata National Hospital, Kashiwazaki, Japan.

16:10-16:40 **Issues of concern in urinary proteomics and initial recommendation: a draft for standard protocols of urine proteomics**

Visith Thongboonkerd  
Medical Molecular Biology Unit, Office for Research and Development, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand.

16:40-17:10 **Free discussion**

17:10-17:20 **Break**

**17:20-18:00 Session 2 Discussion: action plan of HKUPP**

**Co-chairs:** Tadashi Yamamoto (Niigata University, Japan) and Antonia Vlahou (Biomedical Research Foundation of the Academy of Athens, Greece)

**To presenters**

1. Only LCD computer projector is used for all presentations. We would like to ask you to bring your own laptop computer or bring a USB memory stick in which your presentation file is saved. For the workshop, laptop computers will be prepared which runs Windows XP and PowerPoint 2003.
2. It would be greatly appreciated if you could agree to save your presentation file in our computers for further discussion after the workshop.