

The Third Symposium of Human Kidney and Urine Proteome Project

Saturday 16 August 2008, 18:30-21:00

Amsterdam RAI International Convention Center

18:30-18:35 **Introduction**

Tadashi Yamamoto

Chair of HKUPP, Niigata University, Japan

18:35-20:20 Session 1

Standards and Guidelines for Proteome Analysis of Non-Proteinuric Urine

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

18:35-19:20 **Summary of previous studies and discussion**

Visith Thongboonkerd

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

~~19:20-19:30~~ **Different urine desalting methods and their impact on 2D gel electrophoresis quality and protein identification (Cancelled)**

Hassan Dihazi

Clinical Proteomics Laboratories, Nephrology and Rheumatology, Georg-August University Goettingen, Goettingen, Germany

19:20-19:30 **CE-MS based human urinary proteome database for biomarker discovery and disease diagnosis**

Petra Zürgbig¹, David M. Good², Eric Schiffer¹, Joshua J. Coon^{2,3} and Harald Mischak¹

¹Mosaïques Diagnostics and Therapeutics AG, Hannover, Germany, ²Department of Chemistry and ³Department of Biochemistry, University of Wisconsin University of Wisconsin-Madison, Madison, WI, USA,

19:30-19:40 **Urinary proteomic biomarkers in coronary artery disease**

Eric Schiffer¹, Lukas U. Zimmerli², Janet K. Snell-Bergeon³, David M. Maahs³, Harald Mischak¹, and Anna F. Dominiczak⁴

¹Mosaïques Diagnostics and Therapeutics AG, Hannover, Germany, ²Division of Internal Medicine, University Hospital Zurich, Zurich, Switzerland, ³Barbara Davis Center for Childhood Diabetes, Aurora, USA, and ⁴BHF Glasgow Cardiovascular Research Centre, University of Glasgow, Glasgow, UK.

19:40-19:50 **A novel, non-invasive multiplex-assay to diagnose acute rejection in the urine of renal transplant recipients.**

Diana Breuer¹, Gerald Schlaf¹, Wolfgang Altermann¹, Paolo Fornara², Amir Hamza² and Barbara Seliger¹,

¹Martin-Luther-University Halle –Wittenberg, Medical School, HLS-Laboratory (GHATT), and ²Department of Urology and Kidney Transplant Center

19:50-20:00 **Influence of acid mucopolysaccharide in proteome analysis of non-protein urine**

Zhinguo Li, Tingting Zhao, Liping Yang, Jingzhen Guo, and Ping Li

Department of Pharmacology, Institute of Clinical Medical Science, China-Japan Friendship Hospital, Beijing, P.R. China

20:00-20:10 **Resolving urinary proteome by combined preparative techniques and 2D electrophoresis.**

I. Zoidakis, P. Dimitraki, A. Kamariotou and A. Vlahou.

Division of Biotechnology, Biomedical Research Foundation of the Academy of Athens. Athens, Greece

20:10-20:40 Session 2

New Activity of HKUPP

Chair: Yutaka Yoshida (Niigata University, Japan)

20:10-20:20 **News from HUPO**

Tadashi Yamamoto

Department of Structural Pathology, Institute of Nephrology, Graduate School of Medical and Dental Sciences, Niigata University, Niigata, Japan

20:20-20:30 **News from EuroKUP**

Antonia Vlahou

Biomedical Research Foundation of the Academy of Athens, Athens, Greece

20:30-20:40 **A standard human urine sample to enable comparative proteomics**

Halald Mischak

Mosaiques Diagnostics and Therapeutics AG, Hannover

20:40-21:00 Session 3

HKUPP meeting

Chair: Visith Thongboonkerd (Mahidol University, Bangkok, Thailand)