

Satellite Meeting of 20th IUBMB
Joint Meeting of AOHUPO Symposium and 56th JES Symposium
June 15-16, 2006
TIME24 Tokyo BigSight, Aomi 2-45, Kotoku, Tokyo
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(<http://www.tokyo-bigsight.co.jp/english/time/index.html>)

Organizer: Kazuyuki Nakamura

Session Program

Thursday, June 15,

JES Symposium for “Genomics, Proteomics and Clinical Applications”

9:25 Welcome Address by Kazuyuki Nakamura

“Genomics and Proteomics” Chair : Kazuyuki Nakamura

9:30 S-1-1 Yoshinobu Baba:

Nanoseparations for genomics and proteomics.

10:00 S-1-2 Osamu Ohara:

Filling the gap between transcriptome and proteome: An approach from transcriptomic side.

10:30 S-1-3 Junko K. Akada:

A novel approach of protein immobilization for protein chips using an oligo-cysteine tag.

11:00 S-1-4 Eric Huang:

A new technology using capillary ultrafiltration sampling and mass spectrometry: applied to *in vivo* cell-cell interactions of systems biology.

11:30 S-1-5 Kazuhiro Matsuda:

Structural analysis of lipid antigens of Mycoplasma: Discovery of biomarkers of Rheumatic diseases.

12:00-13:30 Lunch and JES Council Meeting

“Functional Proteomics” Chair : Hisashi Hirano

13:30 S-1-6 Yasuhiro Kuramitsu:

Proteomic analysis for gemcitabine-sensitive and –resistant pancreatic cancer cell lines.

14:00 S-1-7 Kotoku Kurachi:

Toward understanding the age related homeostatic mechanism: Age related expression profiling of mouse liver nuclear proteins.

14:30 S-1-8 Hisashi Hirano:

High-throughput on-chip identification and interaction analysis of gel-resolved proteins.

15:00-15:30 Coffee Break

“Clinical Applications” Chair : Tosifusa Toda

15:30 S-1-9 Yutaka Suehiro:

Epigenetic-genetic interactions in colorectal carcinoma: Association of G-to-A transition mutations in the *APC* gene with concurrent promoter hypermethylation of *APC* and the *MGMT* or *hMLH1* gene.

16:00 S-1-10 Richard Simpson:

Identification of new diagnostic and prognostic markers in colorectal cancer.

16:30 S-1-11 Shui-Tein Chen:

Differential expression of potential biomarkers in human lung cancer.

17:00 S-1-12 Tosifusa Toda:

Clinical application of glycoproteomic methodologies to the identification of abnormal glycosylation on a light chain of monoclonal cryocryoglobulin in a myeloma patient with skin ulcer.

17:30 Closing Remarks by Tosifusa Toda

Session Program

Friday, June 16

AOHUPO Symposium for “Liver Proteomics in Asia and Oceania”

9:25 Opening Address by Kazuyuki Nakamura

“Morning Session” Chair : Bill Jordan

9:30 S-2-1 Richard Simpson:

AOHUPO Activities and Cancer Proteomics

10:00 S-2-2 Andrew Wang:

Development of proteomic methods for post-translational protein modifications.

10:30 S-2-3 Fuchu He:

Human liver proteome project: plan, progress and perspective.

11:00 S-2-4 Young-Ki Paik:

Towards identification of HCC biomarker using multiple separation platform.

11:30 S-2-5 Bill Jordan:

The proteomics of liver damage and repair.

12:00-13:30 Lunch and AOHUPO MPI Meeting

“Afternoon Session” Chair : Maxey C.M. Chung

13:30 S-2-6 Ikuko Ueno, Akira Tsugita:

Whole proteins resolved and identified from human liver specimen.

14:00 S-2-7 Tadashi Kondo:

Toward comprehensive expression proteomics of liver cancer.

14:30 S-2-8 Eiji Miyoshi:

Molecular mechanisms of fucosylated alpha-fetoprotein (AFP-L3) in hepatocellular carcinoma: A possible implication for secretion system of fucosylated glycoproteins in the liver.

15:00 S-2-9 Yuichiro Yokoyama, Isao Sakaida:

Proteomic analysis of serum marker proteins in recipient mice with liver cirrhosis after bone marrow cell infusion therapy.

15:30 S-2-10 Maxey C.M. Chung:

Proteomics approaches in the discovery of biomarkers for HBV-infected hepatocellular carcinoma.

16:00 Closing Remarks by Richard Simpson