

Proteomics 2007

Opening New Windows on Disease



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Motoharu Seiki

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Satoru Miyano

(IMS, Univ. of Tokyo)

Yosuke Funato

/Hiroaki Miki

(IMS, Univ. of Tokyo)

Masaaki Oyama

(IMS, Univ. of Tokyo)

Seisuke Hattori

(IMS, Univ. of Tokyo,
Kitasato Univ.)

3月13日（火） 10:00-17:30

東京大学医科学研究所 1号館 講堂

主催：東京大学医科学研究所

疾患プロテオミクスラボトリー

細胞ゲノム動態解析（ビー・エム・エル）寄付研究部門

先端臨床プロテオミクス（島津・凸版）共同研究ユニット

参加無料（事前登録不要）

懇親会18:00—（会費2000円：要事前登録）

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Proteomics 2007 Program

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March 13 (Tue)

10:00-10:10	Opening ceremony Tadashi Yamamoto (Inst. of Medical Science, Univ. of Tokyo, Japan)
Session I	Chair: Tadashi Yamamoto (Inst. of Medical Science, Univ. of Tokyo, Japan)
10:10-10:35	"Analysis of the Wnt signaling pathway via a proteomic approach" Yosuke Funato/Hiroaki Miki (Inst. of Medical Science, Univ. of Tokyo, Japan)
10:35-11:00	"Proteomic analyses of cellular signal transduction -Identification of kinase substrates by a phosphoproteome approach -" Seisuke Hattori (Inst. of Medical Science, Univ. of Tokyo/Kitasato Univ., Japan)
Session II	Chair: Seisuke Hattori (Inst. of Medical Science, Univ. of Tokyo/Kitasato Univ., Japan)
11:00-11:25	"Comprehensive studies for potential diagnostic biomarkers for ovarian cancer by combinatorial proteomic, transcriptional and MS imaging analyses" Taka-Aki Sato (Proteomics Research CTR, Shimadzu Corp., Japan)
11:25-12:05	"Identifying signaling targets in melanoma by functional proteomics" Natalie Ahn (University of Colorado, USA)
12:05-13:30	Lunch -----
Session III	Chair: Taka-Aki Sato (Proteomics Research CTR, Shimadzu Corp., Japan)
13:30-13:55	"Proteomic approach to identify substrates of a membrane-type matrix metalloproteinase: Regulation of tumor microenvironment" Motoharu Seiki (Inst. of Medical Science, Univ. of Tokyo, Japan)

Session IV	Chair: Takashi Ito (Grad. Sch. of Frontier Sci., Univ. of Tokyo, Japan)
13:55-14:35	"Lys-N-Go Label Free Proteomics Applied to Yeast and Human Proteomics" David Goodlett (University of Washington, USA)
14:35-15:00	"Description of the human ORFeome and signaling networks by mass spectrometry-based proteomics" Masaaki Oyama (Inst. of Medical Science, Univ. of Tokyo, Japan)
15:00-15:20	Coffee break -----
Session V	Chair: Tatsuhiko Kodama (RCAST, Univ. of Tokyo, Japan)
15:20-15:45	"Computational Systems Biology" Satoru Miyano (Inst. of Medical Science, Univ. of Tokyo, Japan)
15:45-16:15	"Temporal coding of ERK signaling network" Shinya Kuroda (Grad. Sch. of Sci., Univ. of Tokyo, Japan)
Session VI	Chair: Satoru Miyano (Inst. of Medical Science, Univ. of Tokyo, Japan)
16:15-16:45	"Two-hybrid and mass-spectrometric approaches for annotating protein interactions and modifications" Takashi Ito (Grad. Sch. of Frontier Sci., University of Tokyo, Japan)
16:45-17:15	"Targeted proteomics of nuclear protein complex using magnet beads conjugated with systematically generated monoclonal antibodies" Tatsuhiko Kodama (RCAST, Univ. of Tokyo, Japan)
17:15-17:30	Closing ceremony Motoyoshi Arai (BML, Inc., Japan) Motoharu Seiki (Inst. of Medical Science, Univ. of Tokyo, Japan)