Symposium Program

Day 1: September 1, 2011

13:00-13:30 Opening Remarks by Ryo Abe, Symposium Chairperson, Director of Center for Technologies against Cancer, TUS
Welcome Addresses by
Akira Fujishima, President of Tokyo University of Science
Taira Kinoshita, Director of National Cancer Center Hospital East

Keynote Session

13:30-14:10 Detection of Volatile Organic Compounds in Exhaled Breath using Ion Mobility Spectrometry
Jorg Ingo Baumbach
Kist Europe, Germany [K-1]

14:10-14:50 Microfluidic Biochip for the label-free detection, isolation and retrieval of Circulating Tumor Cells
Chwee Teck Lim
National University of Singapore, Singapore [K-2]

14:50-15:30 Overview of the da Vinci Surgical System
Kin C. Cheung
Intuitive Surgical, Inc. [K-3]

15:30-16:00 Break

Introduction of Center for Technologies against Cancer (CTC), TUS

16:00-16:20 Project leader: Ryo Abe
16:20-16:40 Bio Device Team (BDT): Masanori Hayase
16:40-17:00 Pharmaceutical and Drug Delivery Team (PDT): Shin Aoki
17:00-17:20 Visualization and Recognition Team (VRT): Kohei Soga

18:00-20:00 Banquet

Day 2: September 2, 2011

Session A: Solid Based Approach to Cancer

10:00-10:30 Cost-effective Disposable Centrifugal Blood Pump Utilizing Maglev Technology
Tadahiko Shinshi, Tokyo Institute of Technology [O-1]

10:30-10:45 3D Bioimaging for Breast Cancer Screening Based on NIR-FBI and Image Processing Technique
Hiroshi Takemura, Tokyo University of Science [O-2]

10:45-11:00 Highly efficient production of therapeutic protein by CHO spheroid array underlaid with feeder cell
Koichi Kutsuzawa, Tokyo University of Science [O-3]
### Session B: Diagnosis and Treatment of Cancer

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