

**INTERNATIONAL SYMPOSIUM OF TOKYO UNIVERSITY OF SCIENCE,  
TRANSLATIONAL RESEARCH (TR) CENTER**

**—FRONTIERS IN DEVELOPMENTAL STRATEGY FOR CANCER THERAPEUTICS—**

Date : June 25 (Saturday), 2016 10:00 - 19:00

Venue : Room 101, Katsushika Campus, Tokyo University of Science, Japan

**10:00 ~ 10:10 Opening Remarks** Akira Fujishima, President, Tokyo University of Science

**10:10 ~ 10:50 Invited Lecture 1** (Chaired by Prof. Yoshikazu Higami)

**“Identification of Novel Molecular Diagnostic and Therapeutic Targets in Bladder Cancer”**

Hideki Furuya, Ph.D. & Charles Joel Rosser, M.D., MBA, FACS, University of Hawaii

**10:50 ~ 11:20** (Chaired by Prof. Yoshikazu Higami)

**“Engineering Cancer Microenvironment by Arctigenin Administration Leading to Sensitization of Cancer Cells to Therapeutics”**

Katsuya Tsuchihara, M.D., Ph.D., National Cancer Center, Japan

**11:20 ~ 11:50** (Chaired by Prof. Takehisa Hanawa)

**“The Role of Atypical Protein Kinase C (aPKC) in Glycolysis of Breast Cancer Stem Cell”**

Kazunori Akimoto, Ph.D., Tokyo University of Science

**11:50 ~ 12:20** (Chaired by Prof. Takehisa Hanawa)

**“Development of Poly (ADP ribose) Polymerase (PARP) Inhibitor by a Novel Molecular Mechanism”**

Yoshikazu Higami, M.D., Ph.D., Tokyo University of Science

**12:20 ~ 13:30 Lunch Break**

**13:30 ~ 14:10 Invited Lecture 2** (Chaired by Prof. Fumio Fukai)

**“Blocking Cancer Growth and Metastasis: New targets in the ERK MAP Kinase Pathway”**

Joe William Ramos, Ph.D., University of Hawaii

**14:10 ~ 14:40** (Chaired by Prof. Fumio Fukai)

**“Development of Chemically Modified Antisense Oligonucleotides for the Treatment of Diseases”**

Hidetaka Torigoe, Ph. D., Tokyo University of Science

**14:40 ~ 15:10** (Chaired by Associate Prof. Kazunori Akimoto)

**“Cell Regulation Through Control of Integrin Activation -Application to Cancer Chemotherapy Targeting Beta1-integrins-”**

Fumio Fukai, Ph.D., Tokyo University of Science

**15:10 ~ 15:30 Coffee Break**

**15:30 ~ 16:10 Invited Lecture 3** (Chaired by Associate Prof. Kazunori Akimoto)

**“Targeting JAK/STAT Signaling Pathway for Cancer Therapy”**

James Turkson, Ph.D., University of Hawaii

**16:10 ~ 16:40** (Chaired by Prof. Chiharu Nishiyama)

**“New Strategy of Cancer Immunotherapy Targeting Myeloid-derived Suppressor Cells”**

Ichiro Horie, Ph.D., Tokyo University of Science

**16:40 ~ 17:10** (Chaired by Prof. Chiharu Nishiyama)

**“Chemoprevention Trials for Colorectal Cancer in Japan”**

Michihiro Mutoh, M.D., Ph.D., National Cancer Center, Japan

**17:10 ~ 17:15 Closing Remarks** Yoshikazu Higami, Tokyo University of Science

**17:30 ~ 19:00 Banquet**

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