

平成24年度 Extra 2 応用動物科学セミナー

INTERNATIONAL SEMINAR

Insulin-like activities and their related-diseases in aging from the aspects of basic and translational medicine

Introduction

10:00 – 10:15 **Regulation of insulin-like activities and its physiological significance**
Shin-Ichiro Takahashi (Graduate School of Agricultural and Life Sciences, The University of Tokyo)

Molecular mechanisms of regulation of intracellular signaling

10:15 – 11:00 **Regulation of gene expression by RNA splicing and its disruption in RNA diseases**
Naoyuki Kataoka (School of Medicine, Kyoto University)

11:00 – 11:45 **Regulation of energy metabolism and cancer cell motility by protein acetylation**
Akihiro Ito (Chemical Genetics Laboratory, RIKEN Advanced Science Institute)

13:00 – 13:45 **Binding partners of insulin receptor substrates (IRSs) modulated insulin-like bioactivities**
Fumihiko Hakuno (Graduate School of Agricultural and Life Sciences, The University of Tokyo)

13:45 – 14:30 **Regulation by ubiquitin-proteasome system**
Yasushi Saeki (Laboratory of Protein Metabolism, Tokyo Metropolitan Institute of Medical Science)

Modulation of insulin-like signaling and diseases

14:45 – 15:30 **Molecular mechanisms of the modulation of insulin-like activities in diabetes: Roles of insulin receptor substrates (IRSs)-associated proteins**
Toshiaki Fukushima (Institute of Biomedical and Health Sciences, Hiroshima University)

15:30 – 16:15 **Insulin-like growth factor (IGF)-I and atherosclerosis**
Yusuke Higashi (School of Medicine, Tulane University)

16:30 – 17:15 **Biasing IGF-1R Signaling through G-protein coupled receptors (GPCR): Functional and therapeutic implications in malignancy**
Leonard Girnita (Cancer Center, Karolinska)

17:15 – 18:00 **Insulin peptides in brain diseases: Focus in Alzheimer's dementia**
Ignacio Torres Aleman (Instituto Cajal, The Spanish Research Council)

Closing remarks

18:00 – 18:10 **Our future plan on core-to-core project**
Shin-Ichiro Takahashi (Graduate School of Agricultural and Life Sciences, The University of Tokyo)

● 8月25日(土) 10:00 ~ 18:10 FS棟 中島董一郎記念ホール

● Core-to-Core Project sponsored by JSPS
“New Insights into the Molecular Basis of Prevention of Diseases in the Aging Society Caused by Modulation of Insulin-Like Activities”

● 問い合わせ先： 応用動物科学専攻 動物細胞制御研究室 高橋 伸一郎 准教授

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