

The 3rd International Symposium of Gunma University Initiative for Advanced Research (GIAR)

— Diversity and Deepening —

Date Tuesday, October 25th, 2016
13:00 ~ 17:50 (Doors open at 12:30)

Venue Tojo Hall (3-39-22, Showa-machi, Maebashi-shi)
@Gunma University Showa Campus

Welcome address

13:00 ~ 13:05 **Prof. Hiroshi HIRATSUKA** (President of Gunma University)

Lectures

13:05 ~ 13:30 Whole-genome mutational landscape and characterization of noncoding and structural mutations in liver cancer

Dr. Akihiro FUJIMOTO (Kyoto University Graduate School of Medicine)

13:30 ~ 13:50 Functional analysis of Rab27a effectors in insulin exocytosis

Dr. Hao WANG (Institute for Molecular and Cellular Regulation, Gunma University)

13:50 ~ 14:15 Multi-omics approaches to integrative analysis of diseases - from bench to clinic -

Dr. Hideru OBINATA (Big Data Center for Integrative Analysis, GIAR)

14:15 ~ 14:40 Exposome: The paradigm shift for epidemiology

Dr. Shoji NAKAYAMA (National Institute for Environmental Studies)

14:40 ~ 15:05 Metabolomics for molecular phenotyping in respiratory disease

Dr. Craig E. WHEELLOCK (GIAR-Karolinska Institutet)

15:05 ~ 15:30 Challenges Facing the World Health Organization

Prof. Akinori KAMA (University of Hawaii)

15:30 ~ 15:45 Coffee break

15:45 ~ 16:05 Overcome gadolinium phobia: a real problem following the nephrogenic systemic fibrosis (NSF) crisis

A. Adhipatria P. KARTAMIHARDJA (Gunma University Graduate School of Medicine)

16:05 ~ 16:25 What is the radiation-induced bystander effect? Search for mechanisms based on phenomena

Dr. Hiroko OKADA (GIAR-Massachusetts General Hospital)

16:25 ~ 16:45 Visualization of cluster DNA double strand break formation after heavy ion irradiation by using super resolution microscopy

Dr. Atsuko NIIMI (Research Program for Heavy Ion Therapy, GIAR)

Special lecture

16:45 ~ 17:45 Cancer Risks From Space Radiation Exposures

Prof. Michael WEIL (Colorado State University)

Closing remark

17:45 ~ 17:50 **Prof. Takashi IZUMI** (GIAR supervisor/ Vice President of Gunma University)

No prior registration required