

The 18th International Symposium of Society for *Aldh2* Knockout Mouse Research

-Joint symposium with 5th Prenatal Programming and Toxicity (PPTox V)-

Date: November 16th, 2016

Venue: Kitakyushu International Conference Center (International Conference Hall)

Program

9:30~9:35 Opening Remarks Dr. Kyoko Kitagawa (Hamamatsu University School of Medicine)

9:35~10:50 **Symposium** Chairs: Dr. Manabu Muto (Kyoto University)
Dr. Toyohi Isse (University of Occupational and Environmental Health, Japan)

Ethanol and acetaldehyde decrease extracellular glutamate in *Aldh2*-knockout mouse brain: a reverse microdialysis study

Mostofa Jamal, Kiyoshi Ameno, Naoko Tanaka, Asuka Ito, Ayaka Takakura, Hiroshi Kinoshita
Department of Forensic Medicine, Faculty of Medicine of Kagawa University

Behavioral analysis of ALDH2 deficient mice.

Toru Hosoi¹, Kohei Mori¹, Kyoko Kitagawa², Koichiro Ozawa¹

¹Department of Pharmacotherapy, Graduate School of Biomedical and Health Sciences, Hiroshima University

²Department of Molecular Biology, Hamamatsu University School of Medicine

Disruption of aldehyde dehydrogenase 2 gene results in altered cortical bone structure and increased cortical bone mineral density in the femoral diaphysis of mice.

Takuto Tsuchiya^{1,2}, Kunitaka Menuki², Toshiharu Mori², Toyohi Isse¹, Toshihiro Kawamoto¹, Akinori Sakai²

¹Department of Environmental Health, University of Occupational and Environmental Health, Japan

²Department of Orthopedic Surgery, University of Occupational and Environmental Health, Japan

Significance of defective polymorphism of aldehyde dehydrogenase 2 gene (*ALDH2*) in prenatal toxicology

Akiko Matsumoto

Department of Social Medicine, Saga University School of Medicine

Exome-wide association study identifies aldehyde dehydrogenase 2 genetic polymorphism associated with blood lead level in Korean general population

Yong-Dae Kim¹, Sang-Yong Eom¹, Heon Kim¹, Toshihiro Kawamoto²

¹Department of Preventive Medicine, College of Medicine, Chungbuk National University

²Department of Environmental Health, University of Occupational and Environmental Health, Japan

10:50~11:00 Break

11:00~11:30 **Special Lecture**

Chair: Dr. Toyohi Isse (University of Occupational and Environmental Health, Japan)

Alcohol-related esophageal squamous cell carcinogenesis in patients with ALDH2 gene alterations and fields effects

Prof. Manabu Muto, Shinya Ohashi, Masashi Tamaoki, Kenshiro Hirohashi, Ayaka Mizumoto

Department of Therapeutic Oncology, Kyoto University Graduate School of Medicine

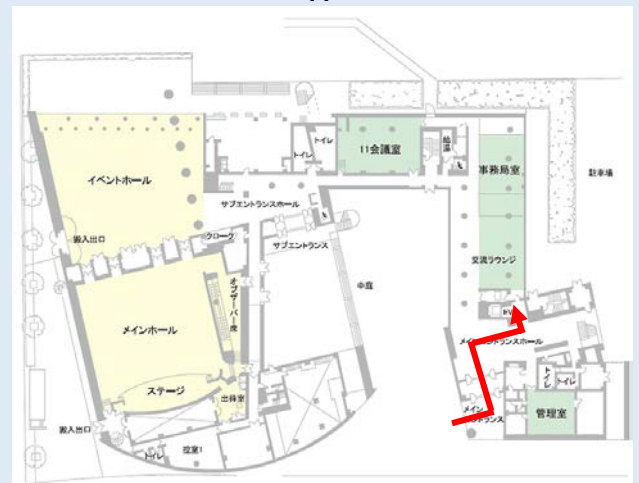
11:30~11:35 Closing Remarks Prof. Toshihiro Kawamoto (University of Occupational and Environmental Health, Japan)

Access



Kitakyushu International Conference Center

1F



2F

