
Program

Special Lecture 1

May 26 (Monday) 11:10 - 12:00 Venue 1 S85

- PL1 “The IARC/WHO Monographs programme : Identifying the causes of cancer as a first step in prevention and cancer control.”
“Overview and specific examples incl. RF-EMF and biliary tract cancer in printers”
Chairperson : Chiharu Tohyama
Speaker : Kurt Straif

Special Lecture 2

May 27 (Tuesday) 10:00 - 10:50 Venue 1 S89

- PL2 Metal based nanoparticles and Immune system
Chairperson : Takemi Otsuki
Speaker : Mario Di Gioacchino

Lecture by the President-Elect

May 26 (Monday) 10:00 - 11:00 Venue 1 S93

- SL What is important for the advancement of Environmental Health?
Chairperson : Teruhiko Kido
Speaker : Kazuhisa Miyashita

2013 JSH Award Lecture

May 27 (Tuesday) 9:00 - 10:00 Venue 1 S97

- CA The balance between the environment and health
~ importance of risk assessment research~
Chairperson : Keiki Ogino
Speaker : Tamie Nasu

2013 Young Investigators Award Lecture

May 27 (Tuesday) 10:50 - 11:20 Venue 1 S103

- YIA A study of the relationship between children's health and environmental chemicals:
Challenge to pediatric molecular epidemiology
Chairperson : Hiroyuki Yanagisawa
Speaker : Mayumi Tsuji

Joint Symposium

May 25 (Sunday) 16:00 - 18:00 Venue 1S107

Impact of Radiation exposure on human health caused by the Fukushima Daiichi nuclear power plant accident and health management

Chairpersons : Tamie Nasu

Midori Aoyagi

JS-1 Radiocesium contamination of fisheries products in Japan

Takami Morita

JS-2 Analysis of chromosome translocation in the residents of Namie Town after the accident of Fukushima Daiichi Nuclear Power Plant.

Mitsuaki Yoshida

JS-3 Health status of Fukushima residents

-Result from the Fukushima Health Management Survey-

Seiji Yasumura

JS-4 Current perspectives on the risk communication of radiation effects

Midori Aoyagi

Video Screening Opened for Public

May 26 (Monday) 8:00 - 18:30 / May 27 (Tuesday) 8:00 - 18:00 Screening Room(2F, Atrium) ...S111

Original Special Interview "Talking about the Health Science"

by Ryu Murakami (Novelist, Essayist)

Interviewer : Takemi Otsuki

JSH and JSOH Collaborating Symposium

May 23 (Friday) 14:50 - 17:20 Venue 1 S113

Asbestos Problem:Scientific approaches for prevention, diagnosis and treatment

Chairpersons : Keiki Ogino

Takemi Otsuki

シンポジスト :

CS1-1 Evaluation of asbestos-related lung cancer in Japan

Takumi Kishimoto

CS1-2 Global situation on Asbestos-related Lung Cancer

Narufumi Suganuma

CS1-3 Alteration of microRNA in malignant pleural mesothelioma

Shinichi Toyooka

CS1-4 Role of iron overload in asbestos-induced carcinogenesis: from animal experiments to human prevention

Shinya Toyokuni

CS1-5 Effects of asbestos on immune cells

Takemi Otsuki

Symposium 1

May 26 (Monday) 14:30 - 16:00 Venue 1S119

Clarification of Mechanisms for Environmental Factors-mediated Diseases by Experimental Analysis

Chairperson : Masashi Kato

S1-1 Analysis of environmental stress-related hearing losses

Nobutaka Ohgami

S1-2 Analysis of heavy metal-induced disease and development of prophylaxis based on experiment and research

Ichiro Yajima

S1-3 Nutrition state and life style-related diseases including heart disease, fatty liver and fatigue

Masahisa Horiuchi

S1-4 Immunity associated diseases caused by environmental pollutant

Tsuyoshi Tanabe

Symposium 2

May 26 (Monday) 14:30 - 16:00 Venue 2S123

Now, consider for lifestyle related diseases towards preventive medicine

Chairperson : Mieko Kimura

S2-1 The find of the spontaneously jumbo rat (common name: Minko Rat) for clinical model and national registry (strain name: MKO/Tami) to sustain for future generations

Mieko Kimura

S2-2 Prevention of the worsening of diabetes: Importance of early diagnosis and treatment

Nobuya Inagaki

S2-3 Recent progress of preemptive medicine for life-style related diseases

Toshikazu Yoshikawa

Symposium 3

May 26 (Monday) 16:10 - 18:10 Venue 1S127

Oriental medicine as an alternative approach to mental stress

Chairperson : Kouichi Yoshimasu

S3-1 Relationship of Five Viscera Score and the Stress

Taro Tomura

S3-2 Oriental Medicine for Stress-related Disorders

Tetsuya Kondo

S3-3 Acupuncture and moxibustion treatment for a stress disorder

Fumihiko Fukuda

S3-4 Fusion of east and west in clinical psychiatry

Motoaki Nakamura

Symposium 4

May 26 (Monday) 16:10 - 18:10 Venue 2S131

Health effects of PM_{2.5} and Asian dust: an update

Chairpersons : Kayo Ueda

Masahiro Hashizume

S4-1 Recent issues about PM_{2.5} air pollution in Japan

Kenji Tamura

S4-2 Clinical epidemiology of association between Asian dust (kosa) and chronic cough

Tomomi Higashi

S4-3 Particulate matter and heart diseases

Yuji Nishiwaki

S4-4 Experimental approaches to the health effects of PM_{2.5} and Asian sand dust with emphasis on the underlying mechanisms

Hirohisa Takano

S4-5 Current situation of atmospheric PM_{2.5} concentration in Japan

Shuichi Hasegawa

Symposium 5

May 27 (Tuesday) 13:45 - 15:45 Venue 2S137

Recent research on sick house syndrome

Chairpersons : Kou Sakabe

Naoki Kunugita

S5-1 National survey on residential indoor air quality in Japan

Naoki Kunugita

S5-2 Risk factors for susceptible population to chemicals and health risk assessment of indoor air pollutants: a Japanese population-based study

Kenichi Azuma

S5-3 Interannual changes and evaluation of genetic polymorphisms in multiple chemical sensitive population and search of a new biomarker

Takahiko Katoh

S5-4 Evaluation and verification of diagnostic criteria for sick house syndrome

Kou Sakabe

Symposium 6

May 27 (Tuesday) 13:45 - 15:45 Venue 3S141

Overview of exposure assessment and reproductive and developmental effects of environmental chemicals with short biological half-lives in epidemiological studies

Chairpersons : Michihiro Kamizima

Gaku Ichihara

S6-1 The current state of exposure analysis for environmental contaminants of short biological half-lives

Shoji Nakayama

- S6-2 Interindividual variability in the metabolism and health effects of industrial chemicals
Wang Rui-Sheng
- S6-3 Exposure assessment of chemicals with short biological half time by analysis of spot urine---Intra- and inter-individual variation
Jun Yoshinaga
- S6-4 Epidemiological studies on exposure to phthalates in utero and its effects on infants
Atsuko Araki

Symposium 7

May 27 (Tuesday) 15:55 - 17:55 Venue 2S145

Perspectives of omics analysis and data integration of genome birth cohorts in Japan

Chairpersons : Hideoki Fukuoka

Fumihito Sata

- S7-1 The frame of genome analysis in the Japan Environment and Children's Study
Hiroshi Nitta
- S7-2 Three generation cohort study in Tohoku MedicalMegabank Project
Junichi Sugawara
- S7-3 Genetic analysis of lifestyle-related diseases : a need for genomic birth cohorts
Kazuki Yasuda
- S7-4 Ethical issues on birth cohorts studies
Kaori Muto

Symposium 8

May 27 (Tuesday) 15:55 - 17:55 Venue 3S149

Living in Radiation-Contaminated Area: Public Health Approach to New Recommendations for Chernobyl and Fukushima

Chairpersons : Hiroyoshi Fujita

Shinzo Kimura

- S8-1 Differences between the Chernobyl Catastrophe and the Fukushima Daiichi Nuclear Disaster
Shinzo Kimura
- S8-2 Reconstruction and Economic Climate in the Afflicted Areas of Ukraine 28 Years after the Disaster
Valerii M. Mykytiuk
- S8-3 Evaluation of Habitation Status in the Areas Contaminated by the Chernobyl Catastrophe from the Radiation Hygiene Perspectiv
Mykola I. Didukh
- S8-3 Nihonmatsu City's Efforts in Health Measures against Radiation
Yoko Abe

Symposium for Young Investigator's Project 1 _____
May 27 (Tuesday) 13:45 - 15:15 Venue 1S153

What the work and life environment of non-regular employment bring to the next generation

Chairperson : Mariko Nishikitani

MIS1-1 Health care for workers with precarious employment

Mariko Inoue

MIS1-2 Impact of precarious employment contracts on workers' mental health

Shinobu Tsurugano

MIS1-3 The current situation and future agenda about non-standard employment status in Japanese young workers

Emiko Ando

MIS1-4 Family of precarious employees and their life

Mariko Nishikitani

Symposium for Young Investigator's Project 2 _____
May 27 (Tuesday) 16:25 - 17:55 Venue 1S157

Sleep Hygiene

Chairperson : Hiroki Takada

MIS2-1 Effect of sleep suppression on equilibrium system

Hiroki Takada

MIS2-2 Diagnosis and the evaluation of treatment in REM sleep behavior disorder

Natsuko Nakano

MIS2-3 Analysis of changes in cerebral blood flow during reading books using a tablet computer

Akihiro Sugiura

MIS2-4 Health Support to the Employee in Industrial Health The Sleep Seminar in Place of Works

Masumi Takada

Morning Lecture1 _____
May 26 (Monday) 7:50 - 8:40 Venue 3.....S161

ML-1 Molecular Epidemiology of Cancer

Chairperson : Takahiko Katoh

Speaker : Keitaro Matsuo

Morning Lecture2 _____
May 27 (Tuesday) 8:00 - 8:50 Venue 3S163

ML-2 Molecular targeting for atherosclerosis: as an approach for life innovation in the near future

Chairperson : Mariko Murata

Speaker : Eiji Matsuura

Symposium for Young Researchers Group
May 25 (Sunday) 16:00 - 19:00 Venue 7S165

Young Researcher's Symposium

Environmental carcinogen and hygiene from the perspective of arsenic research

Chairperson : Tomohiro Umemura

SYRG-1 Analysis and development of preventive method for environmental factor-mediated diseases

Masashi Kato

SYRG-2 DNA methylation changes in the liver tumors of mice gestationally exposed to arsenic

Takehiro Suzuki

SYRG-3 Association of genotypes in AS3MT with methylation capacity of inorganic arsenic

Tetsuro Agusa

18:00 - 19:00 Young researchers forum

Scientific Committee Meeting 1
May 25 (Sunday) 15:50 - 16:50 Venue 4S169

Physical Therapy in Occupational Health

Chairperson : Takuo Nomura

SCM1-1 Moving forward For the continued exercising on occupational health (from physical therapist's standpoint)

Fuminari Asada

Scientific Committee Meeting 2
May 25 (Sunday) 15:50 - 16:50 Venue 6S171

Recent scientific knowledge and regulation on health risks of fine particles

Chairperson : Teruomi Tsukahara

SCM2-1 Air quality Standard and precautional temporal guidelines of PM2.5

Iwao Uchiyama

SCM2-2 Health effects of fine particles: recent knowledge and future issues for the risk assessment

Kenichi Azuma

SCM2-3 History and perspectives of PM2.5 measurement

Takashi Kimoto

Scientific Committee Meeting 3
May 25 (Sunday) 17:00 - 18:00 Venue 4S175

Introduction of Developmental Origins of Health and Disease (DOHaD): DOHaD and Hygiene

Chairpersons : Hideoki Fukuoka

Fumihiro Sata

SCM3-1 Environmental effect in utero for adult disease

Hideoki Fukuoka

SCM3-2 Introduction to DOHaD : Its importance to hygiene

Hidemi Takimoto

SCM3-3 DOHaD and Environmental Chemicals

Keiko Nohara

SCM3-4 Developmental Origins of Health and Disease (DOHaD) and Epidemiology

Fumihiko Sata

Scientific Committee Meeting 4

May 25 (Sunday) 17:00 - 18:00 Venue 6S179

Ethical, legal, social issues (ELSI) on genomic research and its application to society

Chairperson : Tatsuya Takeshita

Scientific Committee Meeting 5

May 25 (Sunday) 18:10 - 19:10 Venue 4S181

Evaluation of mental health programs

Chairperson : Akihito Hagihara

SCM5-1 How to evaluate the effect for mental health program in the workplace

Kimio Tarumi

SCM5-2 Evaluation method for mental health measures

Sumiko Kurioka

Scientific Committee Meeting 6

May 25 (Sunday) 18:10 - 19:10 Venue 6S185

Causative factors and countermeasures of 3D sickness due to stereoscopic displays

Chairperson : Masaru Miyao

SCM6-1 Today's review for 3D stereoscopic displays and E-paper devices

Masaru Miyao

SCM6-2 Discussion on effects of exposure to 2D/3D video clips on human body

Hiroki Takada

Luncheon Seminar 1

May 26 (Monday) 12:20 - 13:20 Venue 1S189

sponsor : MSD K.K.

Chairperson : Michihiro Matsuki

LS-1 Current and future status of pharmacological treatment of diabetes

Kohei Kaku

Luncheon Seminar 2
May 26 (Monday) 12:20 - 13:20 Venue 2S189

sponsor : Japan EMF Information Center

Chairperson : Isamu Ito

LS-2 Health Risk Assessment of RF-EMF by the WHO International EMF Project

Chiyoji Ohkubo

Luncheon Seminar 3
May 27 (Tuesday) 12:35 - 13:35 Venue 1S189

sponsor : Mitsubishi Tanabe Pharma Corporation / DAIICHI SANKYO COMPANY, LIMITED

Chairperson : Kohei Kaku

LS-3 Pathogenesis and Therapy of Type 2 Diabetes

Hideaki Kaneto

Luncheon Seminar 4
May 27 (Tuesday) 12:35 - 13:35 Venue 2S189

sponsor : Nippon Boehringer Ingelheim Co., Ltd. / Eli Lilly Japan K.K.

Chairperson : Toshihiro Takao

LS-4 Diabetes and hypertension -epigenetic memory printed on our organs

Naoki Kashihara

President Award : Excellent Presentation of Young Investigator May27 (Tuesday)

Venue 1

15:20 - 16:20S194

Chairperson : Takemi Otsuki

- PA : EPYI-01 **Association between dietary cadmium intake and hormone receptor-defined breast cancer risk: a case-control study**
Hiroaki Itoh
- PA : EPYI-02 **Relation of serum Interleukin-18 and oxidative stress biomarkers in Japanese**
Noriko Sakano
- PA : EPYI-03 **Sulindac sulfide sensitizes colon cancer cells to TRAIL-induced apoptosis by the regulation of MZF1**
Mano Horinaka

Oral Session May26 (Monday)

Venue 3

Oral 1 Environmental Health 1 14:30 - 15:18S195

Chairperson : Toru Takebayashi

- O-1-01 **Coarse particulate matter and emergency ambulance dispatches: a case-crossover study**
Takehiro Michikawa
- O-1-02 **Particulate matter modifies the association between the level of airborne pollen and daily consultations for pollinosis**
Shoko Konishi
- O-1-03 **The use of remote sensing techniques for evaluating effect of cold weather on health: a case study of Dhaka, Bangladesh**
Yasumoto Shinya
- O-1-04 **Determinants of methylmercury concentration in breast milk**
Miyuki Iwai-Shimada

Oral 2 Environmental Health 2 15:28 - 16:16S196

Chairperson : Kouji Harada

- O-1-05 **Effect of PFOS and PFOA exposure in utero on reproductive hormones levels at birth**
Sachiko Itoh
- O-1-06 **A simple and sensitive method for haloacetic acids analysis in tap water by GC/MS with Negative Chemical Ionization after pentafluorobenzyl esterification**
Zhao Can
- O-1-07 **Development and application of ray sensing system: 5th**
Norihiro Eto

- O-1-08 **Evaluation risk of health effects in smoker and non smoker exposure to Asian dust**
Kazunari Onishi

Oral 3 Hazardous Substances 1 16:16 - 16:52S197

Chairperson : Fujio Kayama

- O-1-09 **Involvement of p53 in cadmium-induced renal tubular damage**
Jin-Yong Lee
- O-1-10 **Effects of Nonylphenol ethoxylates on apoptosis induced by serum deprivation or copper in PC12 cells**
Chuang Liu
- O-1-11 **Biodistribution and effects of SiO₂ nanoparticles in mice and in a transgenic model of Zebra fish (Danio rerio)**
Vranic Sandra

Oral 4 Hazardous Substances 2 17:02 - 17:50S197

Chairperson : Mayumi Tsuji

- O-1-12 **Administration of 1-aminobenzotriazole reduces liver injury induced by exposure to 1-bromopropane, an alternative to ozone-depleting or global warming solvents.**
Cai Zong
- O-1-13 **Effects of exposure to 1-bromopropane on the level of thyroid hormone in cerebrospinal fluid of rats**
Lingyi Zhang
- O-1-14 **Benzene Metabolite 1,2,4-Benzenetriol Induces Halogenated DNA and Tyrosines Representing Halogenative Stress in the HL-60 Human Myeloid Cell Line**
Takuro Nishikawa
- O-1-15 **Effect of myeloperoxidase inhibition on gene expression profiles in HL-60 cells exposed to 1, 2, 4,-benzenetriol**
Emiko Miyahara

Oral 5 Hazardous Substances 3 17:50 - 18:26S198

Chairperson : Seishiro Hirano

- O-1-16 **Development of the bottom-up model for predicting brain-nano effects**
Kouki Fujioka
- O-1-17 **The effects of atherosclerosis induced by exposure to single-wall or double-wall carbon nanotubes in vitro and in vivo models**
Yuka Suzuki
- O-1-18 **Identification of carbonylated proteins in plasma of patients with Parkinson's disease**
Yuki Kitamura

Oral 6 Fukushima Nuclear Power Plant Accident and Radiation 1 14:30 - 15:06...S199

Chairperson : Akio Koizumi

- O-1-19 The investigation of individual total radiological dose assessments in Fukushima Prefecture
Takashi Ohba
- O-1-20 Evaluation of Individual Radiation Exposure and Environmental Radioactivity in Evacuation Order Area of Kawauchi Village, Fukushima Prefecture.
Makiko Orita
- O-1-21 Evaluation of radio-caesium concentrations in the mushrooms and soils in Kawauchi-village, Fukushima Prefecture
Kanami Nakashima

Oral 7 Preventive Medicine and Health Promotion 1 15:06 - 15:54S200

Chairperson : Hidekuni Inadera

- O-1-22 Relationship between serum interleukin-18 levels and physical activity or peak oxygen uptake in Japanese men
Kanae Oda
- O-1-23 A study of difference psychological responses to a video of forests
Yoshiko Tsujiura
- O-1-24 The effect of the Ala54Thr polymorphism of the fatty acid binding protein 2 on obesity
Satoshi Sato
- O-1-25 ETAS, an enzyme-treated asparagus extract, represses amyloid beta-induced cellular disorder and enhances neuronal differentiation in PC12 cells
Junetsu Ogasawara

Oral 8 Statistics/Epidemiology and Thier Applications 1 16:04 - 16:52S201

Chairperson : Junko Tanaka

- O-1-26 New problems of school environmental sanitation
Tamami Takahahi
- O-1-27 The correlation between the redox state of human serum albumin and indices of atherosclerosis in a general Japanese population
Ryosuke Fujii
- O-1-28 Projection of the population size and shift of dependency ratio in Miyazaki Prefecture
Shouhei Takeuchi
- O-1-29 Studies on the empowerment factors for hospital nurses of career continuity
Hirosato Katoh

Oral 9 Stress and Immunology 16:52 - 17:28S202

Chairperson : Keiko Nohara

- O-1-30 Development of an analyzing system for mice behavior under group-housed conditions and influences of the growing environment on the behavior within a group
Nozomi Endo

- O-1-31 **Impact of perinatal dioxin exposure on neuroendocrine stress response system in mice**
Seiko Benner
- O-1-32 **Hypo-phosphorylated p16 induces G0/G1 arrest by arsenite exposure in lymphocytes**
Kazuyuki Okamura

Oral 10 Biological Monitoring, Biomarkers and others 17:38 - 18:26S203

Chairperson : Tsuyoshi Tanabe

- O-1-33 **Effect of polyphenols against the rat offspring by maternal protein restriction**
Masato Tanaka
- O-1-34 **Association of serum arginase I with L-arginine, 3-nitrotyrosine, and exhaled nitric oxide in healthy Japanese workers**
Heri Setiawan
- O-1-35 **Heavy menstrual pain is associated with lower serum anti-Mullerian hormone concentrations among 20- to 22-year-old Japanese women**
Shoko Konishi
- O-1-36 **Urinary concentrations of pyrethroid insecticide metabolites in Japanese children**
Aya Osaka

Oral 11 Maternal and Child Health, and School Health 1 14:30 - 15:06S204

Chairperson : Kunihiko Nakai

- O-1-37 **Effects of Gnetum Gnemon Extracts on the Lipid Metabolism of the Offspring of Fructose-Treated Pregnant Rats**
Uson Rachael A.
- O-1-38 **Epidemiological Study of Infants' Birth Weight Associate with their Mothers' Socio-economic Factors**
Naomi Tamura
- O-1-39 **Cross-sectional Observation on the relationship between Depressive Symptoms and Lifestyles among Junior High School Students**
Aiko Hyakutake

Oral 12 Maternal and Child Health, and School Health 2 15:06 - 15:42S204

Chairperson : Hiroyuki Nakamura

- O-1-40 **Analysis of the relationship between the strength of trunk muscle and the capacity of exercise in juvenile population**
Daisuke Chiba
- O-1-41 **Epidemiological study of chronic pain and association with QOL**
Junko Mitoma
- O-1-42 **Influence of very low doses of A-bomb primary radiation on death from cancers among Hiroshima A-bomb survivors exposed as children**
Tomoyuki Watanabe

Oral 13 Lifestyle-related Disease 1 15:52 - 16:28S205

Chairperson : Keitaro Tanaka

- O-1-43 Serum vitamin E and risk of disabling dementia: The Circulatory Risk in Communities Study (CIRCS)
Kazumasa Yamagishi
- O-1-44 The relationship between Lifestyle-related diseases and Health-related Quality of Life in the middle-aged and the elderly people of Shika town
Masami Kitaoka
- O-1-45 Efficacy of dietary lipid control for nonalcoholic steatohepatitis with fibrosis
Hazuki Tamada

Oral 14 Lifestyle-related Disease 2 16:28 - 17:04S206

Chairperson : Masayoshi Ichiba

- O-1-46 Effect of dietary fatty acids on renal function in general population
Naoki Akimoto
- O-1-47 Association between respiratory disorders and atherosclerosis among general population
Masashi Matsuzaka
- O-1-48 Effects of eating breakfast upon the variation in neutrophil function in the sumo wrestlers' morning training.
Kaori Sawada

Oral 15 Genetics·Epigenetics 1 17:14 - 17:50S207

Chairperson : Tatsuya Takeshita

- O-1-49 Ethanol reduces lifespan of Aldh2 knockout mouse dose-dependently.
Akiko Matsumoto
- O-1-50 Angiogenic activity reduction of induced pluripotent stem cell-derived vascular endothelial cells from moyamoya patients
Hatasu Kobayashi
- O-1-51 Comparison of polyphenol-binding proteins uncovered the mechanism by which apigenin sensitized cancer cells to TRAIL
Yosuke Iizumi

Oral 16 Genetics·Epigenetics 2 17:50 - 18:26S207

Chairperson : Toshiyuki Sakai

- O-1-52 The impact of aldehyde dehydrogenase 2 polymorphism on the incidence and progression of lifestyle disease.
Kazunori Morita
- O-1-53 The impact of the beta3-adrenergic receptor polymorphism on the prevention of life-style disease in overweight subjects
Naoki Kumagae
- O-1-54 Association of eNOS T-786C Genotype with Atherosclerosis Biomarkers in the General Japanese Population
Marowa Hashimoto

Oral Session May27 (Tuesday)

Venue 4

Oral 17 Statistics/Epidemiology and Thier Applications 2 13:45 - 14:33S208

Chairperson : Hironobu Katsuyama

- O-2-01 **Comparison of hazard ratios for major diseases by the type of occupation engaged in based on a population-based cohort study.**
Yuri Kitamura
- O-2-02 **Age-Period-Cohort analysis of multiple birth rate and secondary sex ratio of single- and multiple- births in Japan**
Ryuichiro Araki
- O-2-03 **A study on the stocktaking index of physician**
Toyohi Isse
- O-2-04 **Study of perception gaps in the existence of PMDA between medical doctors and nurses**
Yoshitoku Yoshida

Oral 18 Environmental Health and Physiology 3 with Effects of Radiation 14:33 - 15:21 ...S209

Chairperson : Shinzo Kimura

- O-2-05 **Iodine intake by preshool children in Miyagi, Japan**
Haruo Nakatsuka
- O-2-06 **Simulation of environmental radiocesium in Kawauchi Village**
Tamon Niisoe
- O-2-07 **The leakage of the incinerated radioactive cesium through bag filters into the atmosphere.**
Okujou Iwami
- O-2-08 **The influence of diesel exhaust particle on airway in Nrf2 knockout mice**
Ying-Ji Li

Oral 19 hazardous Metals and Thier Provision 1 15:31 - 16:19S210

Chairperson : Seiichiro Himeno

- O-2-09 **Hair mercury levels and fish/seafood consumption among Hachinohe City residents**
Minoru Yoshida
- O-2-10 **Kinetics of methylated arsenic affecting the severity of acute arsenic poisoning**
Hiroshi Yamauchi
- O-2-11 **Fishery products consumption and methylmercury exposure in a traditional whaling area of Japan**
Noriyuki Hachiya
- O-2-12 **Effects of particle size on absorption of Ce or Eu administered orally**
Atsuko Shinohara

Oral 20 Hazardous Substances 4 16:19 - 16:55S211

Chairperson : Seiichiroh Ohsako

- O-2-13** **Effect of DEHP exposures in utero on sex hormones levels at birth**
Atsuko Araki
- O-2-14** **TCDD exposure increases autistic traits of 3-year-old children in a hot spot of dioxin contamination area in Vietnam**
Muneko Nishijo
- O-2-15** **Mechanism for the aggravation effect of antiseptic agents on the atopic dermatitis in NC/Nga mice**
Kaori Sadakane

Oral 21 Environmental Health and Physiology 3 (Physical Circumstances) 17:00 - 18:00 ...S212

Chairperson : Kenichi Iwasaki

- O-2-16** **Increased frequency of presyncope and blunted cutaneous vasoconstriction during an orthostatic challenge under heat stress in the morning**
Ken Aoki
- O-2-17** **Estimation of DALYs due to road traffic noise in Japan**
Toshihito Matsui
- O-2-18** **Occupational health study of long-term measurement of fatigue stage with new flicker fusion threshold detection method in transportation company**
Nobuyoshi Harada
- O-2-19** **Analysis of a miniature-pigs sleep model**
Kaichiro Takeishi
- O-2-20** **Physiological Benefits of Seaside Therapy (Taking a Walk along the Nature Trail of Tanesashi-seaside)**
Akiko Kumagai

Venue 5

Oral 22 Genetics·Epigenetics 3 13:45 - 14:21S213

Chairperson : Yoshihiro Sowa

- O-2-21** **Analyses of FoxP3 expression and its methylation in T cell continuously exposed asbestos**
Megumi Maeda
- O-2-22** **MAIT cell induction from the genome-modified free iPSC**
Hiroshi Wakao
- O-2-23** **The moyamoya disease susceptibility variant RNF213 R4810K induces genomic instability by mitotic abnormality**
Toshiaki Hitomi

Oral 23 Mental, Maternal and Child, and International Health 14:21 - 15:09S214

Chairperson : Yuri Kitamura

- O-2-24** **The study of the factor contributing to depression and insomnia among nurses**
Akiko Nishigaki
- O-2-25** **Relation on mother's age to breastfeeding -analyses stratified by parity**
Naomi Kitano
- O-2-26** **A development of partnership oriented symposium -The East Asian Congress of Health Promotion- No.1**
Atsushi Ueda
- O-2-27** **Prenatal bisphenol A exposure and sex hormone levels in cord blood in the Hokkaido Study on Environmental and Children's Health**
Seiko Sasaki

Oral 24 Lifestyle-related Disease 3 15:19 - 16:07S215

Chairperson : Yoshihiro Kokubo

- O-2-28** **Development of a Risk Prediction Model for Incident Hypertension in a Worksite Population**
Toshiaki Otsuka
- O-2-29** **Effects of central and brachial blood pressure on carotid atherosclerotic lesions in Japanese general population**
Nobuyuki Miyai
- O-2-30** **Effect of hypertension and smoking on the risk of cerebral microbleeds in healthy individuals: Kashima Scan Study**
Megumi Hara
- O-2-31** **Inhibition of glycogen synthase and glycogen synthase kinase 3 β mRNA expression in zinc deficient rat liver**
Takashi Miyazaki

Oral 25 Lifestyle-related Disease 4 16:07 - 16:55S216

Chairperson : Michihiro Kamizima

- O-2-32** **Protein and carbohydrate in diets affect pathological conditions of type 2 diabetes, especially on glucose metabolism and renal function.**
Emi Arimura
- O-2-33** **Exercise training attenuates obesity-induced increases in expression of fibrosis-related factors in white adipose tissue**
Takuya Sakurai
- O-2-34** **MC4R gene polymorphism was associated with HbA1c - the Shimane COHRE study -**
Masayuki Yamasaki
- O-2-35** **The sex differences in liver fibrosis caused by high-fat-cholesterol diet may be related to those in bile acid kinetics.**
Hisao Naito

Oral 26 Infections and Thier Provision 17:00 - 18:00S217

Chairperson : Nobumichi Kobayashi

- O-2-36 The aflatoxin concentration change by preservation of the rice made to pollute by *Aspergillus flavus***
Satoshi Sugihara
- O-2-37 New method of Salmonella detection by MY Phenomenon**
Yutaka Midorikawa
- O-2-38 Bacterial contamination of touch panels and its cleanliness conditions**
Ikuharu Morioka
- O-2-39 A preliminary survey of prevalence of infectious diseases in Hue Central Vietnam among outpatients of the hospital of Hue University of Medicine and Pharmacy**
Masami Sugamata
- O-2-40 Estimation of the number of patient with severe infection without covered by Infectious Disease Law in Japan**
Kunikazu Yamane

Poster Session May26 (Monday)

Core-Time

Presentation number, Odd : 13:25 - 13:55

Presentation number, Even : 13:55 - 14:25

Poster Foyers : the 2nd & 3rd floor

Poster 1 Hazardous Substances 1S220

- P-1-01 Usefulness of myeloperoxidase as a biomarker for evaluation of nanoparticles' toxicity
Taisuke Tomonaga
- P-1-02 Increased growth of mesothelial cells caused by secretory factors derived from asbestos-exposed immune cells
Yuho Maki
- P-1-03 Involvement of endoplasmic reticulum stress response in neurotoxicity of acrylamide
Yuta Komoike
- P-1-04 Temporal Trends of Perfluoroalkyl Carboxylic Acids in Blood Serum in Japan during 1980s to 2010s
Yukiko Fujii
- P-1-05 The effects of serum and surfactant on *in vitro* toxicity of crystalline silica
Tetsuya Suzuki

Poster 2 Hazardous Substances 2S221

- P-1-06 Involvement of Nrf-2 in zinc oxide nanoparticle-induced pulmonary inflammation
Sehsah Radwa
- P-1-07 Effects of pharyngeal aspiration exposure to zinc oxide nanoparticles on pulmonary fibrosis induced by bleomycin in mice
Wenting Wu
- P-1-08 A study of blood DcR3 concentration and its correlation to autoimmune disease parameters in silicosis patients.
Suni Lee
- P-1-09 The similarity and difference in immunological characteristics between patients with silicosis and systemic scleroderma
Yasumitsu Nishimura
- P-1-10 Role of transcription factor FoxO1 and FoxP3 in regulation of apoptosis induced by asbestos.
Hidenori Matsuzaki

Poster 3 Atomic Power Accident and Radiation 1S222

- P-1-11 "Caddisfly Watch", monitoring methodology of radioactivity in river ecosystem using caddisfly larvae as a bioindicator
Daisuke Ueno
- P-1-12 Assessment of internal exposure to radiocesium using in three areas in Sousou district of Fukushima prefecture
Kouji Harada

Poster 4 Biological MonitoringS223

- P-1-13** **Analysis of trace elements in deciduous enamel to retrospectively evaluate the prenatal environment**
Takehisa Matsukawa
- P-1-14** **Sensitivity for nicotine and cotinine measuring by the HPLC/UV with column-switching method**
Masayoshi Tsuji
- P-1-15** **Evaluation of serum arginase-1 as an oxidative stress biomarker in a healthy Japanese population using a newly established ELISA**
Ikuo Murakami
- P-1-16** **Simultaneous determination of urinary neonicotinoids using liquid chromatography - tandem mass spectrometry**
Jun Ueyama

Poster 5 Preventive Medicine and Health Promotion 1S224

- P-1-17** **Effect on physical active mass by the Health-related Quality of life of elderly people**
Yoshiteru Akezaki
- P-1-18** **Insoluble lignin may inhibit the absorption of Trp-P-1 in the intestinal tract of rats**
Yuka Iwabuchi
- P-1-19** **Association between elevation and salt intake for hypertension: Shimane Cohort**
Ferdaus Sonia Ishrat
- P-1-20** **Association between Blood Pressure Trends and Risk of Disabling Dementia: The Circulatory Risk in Communities Study**
Ai Ikeda
- P-1-21** **self-care and change of condition in fibromyalgia**
Fukutaro Asai
- P-1-22** **eNOS may participate in the mechanism of alleviation of blood pressure-elevation by dietary capsaicin in 2-kidney, 1-clip hypertensive rats**
Yukiko Segawa

Poster 6 Population and Health StatisticsS225

- P-1-23** **Association of TFR, breastfeeding rate and primiparous age with cancer mortality rate: Sex difference and comparison between developed and developing countries.**
Kazuyuki Kitta

Poster 7 Community Health and Medicine·School HealthS225

- P-1-24** **A survey on heat stroke prevention in elderly people**
Momoko Kayaba

- P-1-25 **A Study on Actual Dietary Life of University Students**
Ayaka Yazawa
- P-1-26 **Relationship between neighborhood physical activity environment and physical activity, body physique among school children.**
Naoyuki Kurokawa

Poster 8 Occupational Health 1S226

- P-1-27 **Use of canteen for improvement of eating habits of workers**
Chie Kajiwara
- P-1-28 **Night and shift Working and Menstrual Cycle**
Masayo Oshima
- P-1-29 **The Association between Subjective and Objective Stress in Japanese Teachers: Gender-based Differences**
Masako Ohira

Poster 9 Nutrition and Food HygieneS227

- P-1-30 **Resveratrol intake during lactation modulates the growth of rat offspring programmed by maternal protein restriction**
Tomomi Kita
- P-1-31 **Comparison of the proportion of low birth weight infants by BMI during pregnancy in advanced age delivery**
Utako Murai
- P-1-32 **A study on associations of maternal age with breastfeeding initiation and duration at a baby-friendly hospital**
Keiko Murakami
- P-1-33 **Effect of food preference and concern for food on healthy lifestyle in Japanese children aged 3-5.**
Tomoko Osera

Poster 10 Elderly Health 1S228

- P-1-34 **Cross-sectional study on a medical checkup result and eating habits of the old-old.**
Junko Yoshida
- P-1-35 **For elder residents, relationship between self-rated health and (1) community involvement,(2)friends to consult.**
Kanao Yamauchi
- P-1-36 **Association of PPARG polymorphisms with urinary 8-isoprostane and inflammatory markers among elderlies**
Masutaka Watanabe

Poster 11 Lifestyle-Related Disease 1S229

- P-1-37 **Relationships between alcohol drinking and atherogenic indices in people with or without diabetes**
Tomoko Shimomura

- P-1-38 The relationship between plasma metabolome and drinking in 24 hours before collection: Tsuruoka Metabolome Cohort
Sei Harada

Poster 12 Malignant Neoplasma S229

- P-1-39 Development of preventive therapy for melanoma in model mice.
Machiko Iida
- P-1-40 Genome-wide methylation profiling of DNA methylation in nasopharyngeal carcinoma
Weilin Zhao
- P-1-41 The interaction of cancer-associated fibroblasts and tumor cells with endothelial progenitor cells may facilitate angiogenesis in nasopharyngeal carcinoma
Shumin Wang
- P-1-42 Identification of the direct target proteins of polyphenols
Yosuke Iizumi

Poster 13 Genetics·Epigenetics S230

- P-1-43 MicroRNA alterations in pollinosis development under prophylactic sublingual immunotherapy
Hou Bo
- P-1-44 Association between gamma-glutamyltransferase 1 polymorphisms and the vascular complications among Japanese Subjects with type 2 diabetes mellitus
Takahiro Tanaka
- P-1-45 Genetic study of familial intracranial aneurysms
Junxia Yan

Poster 14 Hazardous Substances 3 S231

- P-1-46 Determination of nicotine, tobacco-specific nitrosamines and glycerol in smokeless tobacco
Yohei Inaba
- P-1-47 Determination of Po-210 and Pb-210 in filler of 8 domestic cigarette brands
Akari Kobayashi
- P-1-48 Establishment of simplified analysis method of Benzo(a)pyrene in dried bonito
Ryo Kitada
- P-1-49 A study of exhaled nitric oxide in mice
Emi Hatano
- P-1-50 A study of *Aeromonas* sp. in Tone river after typhoon
Akihisa Hata

Poster 15 Environmental Health 1 S232

- P-1-51 The association between sunlight exposure and wake-up time in summer
Momoko Kayaba

- P-1-52** **Evaluation of genetic polymorphisms and indoor environment factors in patients with multiple chemical sensitivity**
Xiaoyi Cui
- P-1-53** **Effect of whole body whirlpool bath on arterial stiffness in elderly**
Akira Yoshioka
- P-1-54** **Effects of air pollution-related heavy metals on the respiratory and immune system**
Akiko Honda
- P-1-55** **Heat shock protein expression after high-power radio frequency electromagnetic field exposure in vivo**
Shin Ohtani

Poster 16 Environmental Health 2.....S233

- P-1-56** **Acute effect of personal exposure to air pollutants on pulmonary function**
Yoshiko Yoda
- P-1-57** **Zinc oxide nano- and micro- particles induce cytotoxicity and apoptosis in human endothelial colony-forming cells**
Tada-Oikawa Saeko
- P-1-58** **Subjective symptoms related to exposure to low level formaldehyde during gross anatomy dissection courses among medical students**
Mihoko Mori
- P-1-59** **Relationship of smoking status and the concentration of substances related to ETS in a bar**
Satoshi Nakai
- P-1-60** **The effects of Fluoride on NAG in urine of the unilateral ureteral obstruction rats**
Takamasa Kido
- P-1-61** **Future prediction of ambulance dispatches due to heatstroke in Kanto region**
Kayo Ueda

Poster 17 Environmental Health 3.....S235

- P-1-62** **Biological half-life of urinary cadmium concentration of women living in cadmium-polluted area**
Yasushi Suwazono
- P-1-63** **A study on indoor environmental survey of classroom (4)**
Masayoshi Ichiba
- P-1-64** **Regional differences of an accident during bathing between Nagoya, Sapporo and Fukui**
Tomohiro Umemura
- P-1-65** **PM2.5 exacerbates allergic symptom in pregnant women**
Kumiko Kanatani
- P-1-66** **Asian dust exacerbates allergic symptom in pregnant women**
Kei Hamasaki
- P-1-67** **Inflammation and oxidative damage in murine lung exposed to Asian sand**
Shiho Ohnishi

- P-1-68 Identification of abnormal hourly PM_{2.5} concentration by hourly SPM concentration
Kenji Tamura

Poster 18 Hazardous Metals and Thier Provision 1 S237

- P-1-69 Analysis of elements in central nervous system tissues after oral administration of low concentrations of toxic heavy metals
Kana Jimbo
- P-1-70 Analysis of elements in mice after oral administration of low concentrations of toxic heavy metals
Haruka Tamura
- P-1-71 Effects of prenatal arsenic exposure on the target organs
Shota Takumi
- P-1-72 Cadmium activates serum/glucocorticoid regulated kinase 1 in HK-2 human renal proximal tubular cells
Takamitsu Miyayama
- P-1-73 Benchmark dose of cadmium concentration in rice for renal effects in a cadmium polluted area in Japan
Kazuhiro Nogawa

Poster 19 Hazardous Metals and Thier Provision 2 S238

- P-1-74 TThe relationship between hair concentrations of trace elements and food intake assessed by BDHQ
Yuki Omori
- P-1-75 PI3K signal suppresses cadmium induced cellular toxicity via regulation of ATF4 expression
Kota Fujiki
- P-1-76 Impacts of prenatal exposures to multiple environmental chemicals on child development at 84 months old
Nozomi Tatsuta

Poster 20 Hazardous Substances 3 S239

- P-1-77 Species differences of PPAR α in hepatic tumorigenesis by DEHP exposure in mice
Yuki Ito

Poster 21 Genetics·Epigenetics S239

- P-1-78 DNA methylation dynamically regulates the phenotype of aldosterone synthase gene expression
Masashi Demura

Poster Session May27 (Tuesday)

Core-Time

Presentation number, Odd : 11:25 - 11:55

Presentation number, Even : 11:55 - 12:25

Poster Foyers : 2nd & 3rd floor

Poster 22 Infections and Thier ProvisionS239

- P-2-01** Importance of innate immunity in pathogenesis of AIDS and search of its related biomarkers
Chie Sugimoto
- P-2-02** Epidemiology study of human papillomavirus is associated with cervical cancer
Hirohisa Imai
- P-2-03** A long term follow-up study on patients in viral hepatitis hyperendemic area of Japan
Yoko Wakayama
- P-2-04** Molecular epidemiologic analysis of rotaviruses with prevalent G3P[8] type in Wuhan, China
Nobumichi Kobayashi

Poster 23 Intractable DiseaseS240

- P-2-05** Estimation of the number of Japanese patients with Behcet disease and age distribution in future
Michiko Kurosawa
- P-2-06** Issues of website management and operation in Japan, Europe and US: clinical research, clinical trials and medical information distribution
Daisuke Ogino
- P-2-07** Effect of heme metabolisms and oxidative stress on Dubin-Jhonson Syndrome.
Masahito Aminaka

Poster 24 Immunology, Gene and EpigeneticsS241

- P-2-08** Study on plasma myeloperoxidase levels as one of indices of innate immunity in female university students.
Takashi Kumae
- P-2-09** The effect of the levels of blood sugar before the exercise on the responses of the oxidation and antioxidant functions to the exercise and those at rest
Takashi Umeda
- P-2-10** Effects of Ampelopsis brevipedunculata extract and its active components on the degranulation in mast cells
Wataru Komatsu
- P-2-11** Molecular cloning of VEGF and its receptor, Flt-1 in the Syrian hamster.
Hisashi Kishi
- P-2-12** The involvement of cytochrome P450 system in arsenic trioxide toxicity
Yoshitaka Nobukuni

- P-2-13 The production of human embryonic stem cell line to investigate dioxin-responsiveness
Seiichiroh Ohsako

Poster 25 Preventive Medicine and Health Promotion 2.....S242

- P-2-14 Health-related Quality of Life measures for hypothesized health status relating to Cervical Cancer in female nursing school students: a trial assessment
Hideki Murasawa
- P-2-15 Determination of heavy metals and radioisotope in smokeless tobacco (snuff and snus)
Tadamichi Ohkubo
- P-2-16 Anxiety about mental and physical health in victims of sarin incidents.
Masao Katsumata
- P-2-17 Can mortality from respiratory diseases be a good surrogate for influenza epidemic?
Yasushi Honda
- P-2-18 Prevalence of and risk factors for nonspecific building-related symptoms in employees working in office buildings
Kenichi Azuma

Poster 26 Hazardous Metals and Thier Provision 3.....S244

- P-2-19 Clinical significance of urinary albumin excretion in cadmium-induced nephropathy
Keiko Aoshima
- P-2-20 The mRNA expressions of TGF-beta and IL-2 in thymocytes from F1 Tokai High Avider rats exposed to TBT via the placenta and their dams' milk
Masashi Tsunoda
- P-2-21 Effect of cadmium on the intestinal iron transport system
Yasuyuki Fujiwara
- P-2-22 Relationship between metallothionein productivity and renal tubular dysfunction or oxidative stress in farmers with cadmium exposure
Hyogo Horiguchi
- P-2-23 Effects of zinc oxide nanoparticles on in vitro micronucleus test and chromosomal aberration test
Yoshiko Seki

Poster 27 Hazardous Metals and Thier Provision 4.....S245

- P-2-24 Participation of metallothionein on the protection of cadmium toxicity in testis and prostate.
Hisayoshi Ohta
- P-2-25 Daily intake of arsenic compounds in the Japanese diet: arsenosugars and arsenolipids
Yoko Inoue

- P-2-26 Arsenic concentrations in fish and urine samples obtained in arsenic-polluted areas in the Mekong river basin
Seiichiro Himeno
- P-2-27 Mercury speciation and selenium concentrations in tooth-whale meats
Mineshi Sakamoto
- P-2-28 Change of lung lesions following intratracheal instillations of indium hydroxide in rats
Akiyo Tanaka

Poster 28 Hazardous Substances 4.....S246

- P-2-29 Possible relevancy of fenitrothion-induced disturbances on the endocannabinoid signaling system to apoptosis in the testis
Himiko Suzuki
- P-2-30 High level of salivary DHEA in infants from a dioxin hotspot area in Vietnam
Anh Lethai
- P-2-31 High TCDD levels in breast milk of mothers living in a dioxin hot spot in Bien Hoa city, Vietnam
Tran Ngoc-Nghi
- P-2-32 Risk and benefit of fish intake - Association of omega-3 polyunsaturated fatty acids in cord blood red cells with neonatal outcome
Kunihiko Nakai
- P-2-33 Development of occupational exposure assessment tool assisting voluntary risk management of industrial sector by applying the probabilistic approach
Haruko Yamaguchi

Poster 29 Hazardous Substances 5.....S247

- P-2-34 Effects of low dose xylene water solution as a conditioned stimulus (CS) under the conditioned flavor aversion procedure
Rieko Hojo
- P-2-35 Lysosomal damage in fibrous particle-loaded cells.
Seishiro Hirano
- P-2-36 Apoptosis and morphological change of peripheral blood mononuclear cells caused by exposure to titanium oxide nanosheet
Yasumitsu Nishimura
- P-2-37 Alteration in microRNA expression in lung tissues of mice after intratracheal instillation of asbestos
Yusuke Hiraku

Poster 30 Atomic Power Accident and RadiationS248

- P-2-38 Internal dose from diet in various regions of Japan
Sadaaki Miyake
- P-2-39 External radiation dose rates for residents in neighboring regions of Fukushima Daiichi nuclear plant in a period between August 2012 and July 2013
Akio Koizumi

Poster 31 Earthquake Disaster and HealthS249

- P-2-40** **Water-saving hand-washing technique with high cleaning effect that can be applied in the event of a disaster - use of Japanese hand-washing tank**
Yasuhiko Wada
- P-2-41** **The Great East Japan Earthquake disaster victim's mental health investigation in Tagajo**
Shin-Ya Kaneko
- P-2-42** **Changes in job stressors and psychological distress among male workers in Iwate Prefecture after the Great East Japan Earthquake and Tsunami in 2011**
Masaki Ohsawa

Poster 32 Preventive Medicine and Health Promotion 3.....S250

- P-2-43** **Survival analysis of elder people who live in long term care institution- Focusing on grip strength -**
Yoko Tsuchiya
- P-2-44** **A study on postural balance and heart rate variability in relation to mood states among college students**
Kanae Karita
- P-2-45** **Induction of metallothionein gene expression by deficiency of medium ingredients**
Hirao Kohno
- P-2-46** **Effect of starting age of smoking on the smoking habit after smoking initiation**
Fumiaki Suzuki
- P-2-47** **Efficacy of taking National Specific Health Checkups by comparing the results of the groups between 2008 and 2012**
Toshiko Fujii
- P-2-48** **Mobile phone use and stress coping of medical students**
Masahiro Toda

Poster 33 Population Statistics and EpidemiologyS251

- P-2-49** **Projections for cervical cancer mortality rates in Japanese women over 20 periods (2012-2031)**
Hiroyuki Uchida
- P-2-50** **Health literacy measurement tools applied to Japanese adults**
Machi Suka

Poster 34 Regional, School and Child HealthS252

- P-2-51** **Change in awareness waste reduction as observed among female students attending the A college of nursing**
Keiichi Tanno

- P-2-52 Relationship of the collision avoidance action index (contact occurrence rate) to items of the new fitness test and the injury
Kunihiko Miyamoto
- P-2-53 Trial of the nourishment education that assumed "a lunch" the teaching materials -part 2-
Hiroko Hashimoto
- P-2-54 Study on Dietary Habits, Drinking and Smoking in University Students: Survey Findings from a Questionnaire Answered by 1,196 University Students in Japan
Junichi Kasamaki
- P-2-55 Reliability and validity of the Japanese version of KIDSCREEN-52
Satoko Nezu

Poster 35 Occupational Health 2S253

- P-2-56 Effects of ethanol and methanol on platelet function.
Mikio Marumo
- P-2-57 A cross-sectional assessment of sexual harassment towards female nurses in Congolese healthcare facilities
Muzembo Basilua Andre

Poster 36 Nutrition and Food Hygiene 2S253

- P-2-58 A study on protect of mould as food additives
Tomiko Yoshihara
- P-2-59 Study on the Iwate south farmer's food and eating habits, and health
Keiko Chiba
- P-2-60 Socioeconomic factors related to difficulty and satisfaction of food access among single living elderly in a mountain area
Yoshiharu Fukuda
- P-2-61 Equol producer is about the relation between soy isoflavone ingestion and a lifestyle disease.
Hiroko Kanda
- P-2-62 Insight into molecular mechanism for induction of heme oxygenase 1 by docosahexaenoic acid in U937 cells
Zheng-Guo Cui

Poster 37 Elderly Health 2S255

- P-2-63 Effects of chronic stress on bone metabolism in mice
Shigeko Fushimi
- P-2-64 The Relationship of cognitive function and depression of the elderly aged 75 or over with Living activities
Sonomi Hattori
- P-2-65 Relationship between leisure-time exercise and risk factors of lifestyle-related disease among the general adult residents of a metropolitan area
Takaaki Kondo

- P-2-66 The long-range evaluation of specific health guidance by the total numbers of risk factor
Masaji Tabata
- P-2-67 Associations between serum hepatic enzyme activity and arterial stiffness in Japanese men
Hirokazu Uemura
- P-2-68 The effects of smoking on the development of atherosclerosis in cohort study
Sahoko Ichihara

Poster 38 Lifestyle-Related Disease 3S256

- P-2-69 Effects of lifestyle factors on onset of Metabolic Syndrome in the workplace
Takayoshi Hirai
- P-2-70 Effects of acupuncture stimulation for the reactive oxygen metabolites and PBL
Noriyuki Tsukamoto
- P-2-71 Four phytosteryl ferulates which are components of rice bran gamma-oryzanol reduced intracellular reactive oxygen species in human colon cancer HT-29 cells
Shusuke Yasuda
- P-2-72 ASSOCIATION BETWEEN BLOOD GLUCOSE AND SIMPLIFIED OBESITY INDICES
Ippei Takahashi
- P-2-73 Characteristics of CVD risk factors in smokers showing CKD
Yuka Noborisaka
- P-2-74 Estimated number of patients with alcohol dependence and untreated potential alcohol dependence in Japan
Yoneatsu Osaki

Poster 39 Malignant Neoplasma and Bio-monitoringS258

- P-2-75 Development of biomonitoring system for AhR signaling using *Oryzias latipes*
Yoshihito Taniguchi
- P-2-76 Investigation of the individual difference of DNA repair kinetics
Lu Yuquan
- P-2-77 Isolation of a gene for prevention and therapy of *Ednrb*-associated melanoma
Mayuko Kumasaka
- P-2-78 Analysis of NKX3-1 mutation in melanoma
Osamu Yamanoshita