

Saturday, August 19, 2017

Main Hall 13:30-14:20

Opening Ceremony

Remarks by the President, WCE2017

Yosikazu Nakamura (Chief and Professor, Department of Public Health, Jichi Medical University)

Remarks by the President, IEA

Valerie Beral (Professor of Epidemiology, University of Oxford)

Remarks by Her Imperial Highness Princess Akishino

Patroness of the Japan Anti-Tuberculosis Association (JATA)

President of the Imperial Gift Foundation Boshi-Aiiku-Kai

Japanese Drums & Calligraphy Performance

Main Hall 14:30-15:00

Plenary Lecture 1

Moderator: Chisato Nagata (Chair, Social Committee, WCE2017 / Professor, Epidemiology and Preventive Medicine, Tumor Control, Medical Sciences, Gifu University Graduate School of Medicine, Japan)

PL1 The IEA and changes in health during its lifetime

Valerie Beral (President, IEA / Professor of Epidemiology, University of Oxford)

Main Hall 15:00-15:45

Plenary Lecture 2

Moderator: Toshiyuki Ojima (Secretary General, WCE2017 / Professor, Department of Community Health and Preventive Medicine, Hamamatsu University School of Medicine, Japan)

PL2 Future Perspectives on the Roles of Epidemiology - Lessons from the Experiences in Japan -

Hiroshi Yanagawa (Advisor, WCE2017 / Professor Emeritus, Jichi Medical University, Tochigi, Japan / Professor Emeritus, Saitama Prefectural University, Saitama, Japan / Senior Adviser, Japanese Association for Development of Community Medicine, Tokyo, Japan)

Main Hall 15:55-17:25

Plenary Symposium

Global / Regional / Local Health and Epidemiology in a Changing World

Moderator: Yosikazu Nakamura (President, WCE2017 / Chief and Professor, Department of Public Health, Jichi Medical University)

PS-1 The IEA - European Epidemiology Federation

Elisabete Weiderpass (IEA-European Councilor / Chair of the European Epidemiological Federation / Professor of Medical Epidemiology at the Karolinska Institutet, Sweden)

PS-2 Declining Sex Ratios in South East Asia: Causes and Consequences

Vinod Srivastava (Secretary, IEA / Head, Department of Community Medicine, Hind India Institute of Medical Sciences, Barabanki, Greater Lucknow, India / Faculty, Social & Preventive Medicine, King George's Medical University, Lucknow, India / Dean, Faculty of Medical Sciences, Integral University, Lucknow, India)

PS-3 Regional Health and Epidemiology Practice in a Changing World

Newton Kumwenda (Regional Councilor for Africa, IEA / Blantyre Health Research and Training Trust, Blantyre Malawi)

PS-4 Population aging in Japan, Asia, and the rest of the world

Ichiro Tsuji (Chair, Scientific Program Committee WCE2017 / Professor of Epidemiology, Department of Health Informatics & Public Health, Tohoku University Graduate School of Medicine, School of Public Health, Sendai, Japan)

Omiya Sonic Civic Hall 401-404

17:30-19:00

Welcome Reception

Sunday, August 20, 2017

Room A 8:30-10:30

Symposium 1

The Fukushima nuclear power station accident and its health effects

Moderators: Tomotaka Sobue (Department of Environmental Medicine and Population Sciences, Graduate School of Medicine, Osaka University, Osaka, Japan)

Seiji Yasumura (Department of Public Health, Fukushima Medical University School of Medicine, Fukushima, Japan)

S1-1 Comprehensive Overview of Thyroid Ultrasound Examinations in Fukushima Health Management Survey

Satoru Suzuki (Radiation Medical Science Center for the Fukushima Health Management Survey, Fukushima Medical University, Fukushima, Japan)

S1-2 Changes in cardiovascular risk factors in Fukushima people after the Great East Japan Earthquake

Tetsuya Ohira (Radiation Medical Science Center for the Fukushima Health Management Survey, Japan / Department of Epidemiology, Fukushima Medical University School of Medicine, Fukushima, Japan)

S1-3 Long-term psychosocial effects on people living in Fukushima: evidence and experiences

Masaharu Maeda (Department of Disaster Psychiatry, Fukushima Medical University, Fukushima, Japan)

S1-4 Depression and maternal confidence among Fukushima mothers after the nuclear accident

Aya Goto (Center for Integrated Science and Humanities, Fukushima Medical University, Fukushima, Japan)

Room A 10:40-11:40

Special Lecture 1

Physical inactivity: The biggest Public Health Problem of the 21st Century

Moderators: Shigeru Inoue (Tokyo Medical University Tokyo, Japan)

Koichiro Oka (Waseda University, Saitama, Japan)

SL1 Physical inactivity: The biggest Public Health Problem of the 21st Century

Steven N. Blair (Arnold School of Public Health, University of South Carolina, Columbia, USA)

Room A 11:50-12:50

Lunch Time Seminar 1

Sponsored by Daiichi Sankyo Co., Ltd.

Launch of the NIPPON DATA and its findings

Moderator: Kazunori Kodama (Radiation Effects Research Foundation)

Hirotugu Ueshima (Shiga University of Medical Science,
Center for Epidemiologic Research in Asia (CERA))

Room A

13:00-15:30

Symposium 2

The state-of-the-art research on children's environmental epidemiology and its future strategy

Organizers: IEA-WCE 2017 / the Ministry of the Environment, Government of Japan

Supporting Organizations: the National Institute for Environmental Studies and the National Center for Child Health and Development

Moderators: Zentaro Yamagata (Department of Health Sciences, Basic Science for Clinical Medicine, Division of Medicine, Graduate School Department of Interdisciplinary Research, University of Yamanashi, Japan)

Michihiro Kamijima (Department of Occupational and Environmental Health, Nagoya City University Graduate School of Medical Sciences, Japan)

S2-1 Children's health and the environment: the American experience

Brenda Eskenazi (Center for Environmental Research and Children's Health (CERCH), School of Public Health, University of California, Berkeley, USA)

S2-2 Impact of maternal nutrition on children's health and development

Sjurdur F Olsen (Centre for Fetal Programming, Statens Serum Institut, Copenhagen, Denmark / Department of Nutrition, Harvard School of Public Health, Boston, USA)

S2-3 Large data challenges and opportunities in detection of genome-exposome interaction in children's health and development

Chirag J Patel (Department of Biomedical Informatics, Harvard Medical School, USA)

S2-4 Japan Environment and Children's Study (JECS)

Shoji F Nakayama (JECS Programme Office, National Institute for Environmental Studies, Japan)

Room A

15:30-17:00

Symposium 3

Global patterns and effects of risk factors for chronic diseases

Moderators: Young-Ho Khang (Seoul National University, Korea)

Andre Pascal Kengne (South African Medical Research Council, South Africa)

S3-1 Trends in body-mass index in children and adolescents in 200 countries: pooled analysis of more than 1, 100 population-based measurement studies with over 13 million participants

James Bentham (MRC-PHE Centre for Environment and Health, Imperial College London, UK / Department of Epidemiology and Biostatistics, Imperial College London, UK)

S3-2 Trends in blood lipid profiles in 19 middle-income and high-income countries over four decades: a pooled analysis of 313 population-based measurement studies with 2.6 million participants

Cristina Taddei (Department of Epidemiology and Biostatistics, Imperial College London, UK)

S3-3 Worldwide patterns in body-mass index and blood pressure among adolescents and comparisons with adults: analyses of more than 2, 200 studies with more than 35 million individuals

Ver Bilano (Department of Epidemiology and Biostatistics, Imperial College London, UK)

S3-4 The urban-rural BMI gap: a pooled analysis of 1213 population-based measurement studies with 14.5 million participants

Honor Bixby (Department of Epidemiology and Biostatistics, Imperial College London, UK)

S3-5 Contributions of population mean and high-risk individuals to worldwide trends and variations in raised blood pressure: pooled analysis of 912 studies with 9.8 million participants

Bin Zhou (Department of Epidemiology and Biostatistics, Imperial College London, UK)

Room A

17:00-18:00

Travel Award Session 1

Moderator: Zentaro Yamagata (Department of Health Sciences, University of Yamanashi, Japan)

TA1-1 Population level factors as determinants of consistently high HIV prevalence in Indian districts: a multi-level analysis

Rajneesh Kumar Joshi (Faculty of Health and Biomedical Sciences, Symbiosis International University, Pune, India)

TA1-2 Utilisation of Intermittent Preventive Treatment (IPT) for prevention of Malaria In Pregnancy, Evidence from the Nigeria Demographic Health Survey 2013

Olukemi T Olugbade (Nigeria Field Epidemiology and Laboratory Training Programme, Abuja, Nigeria)

TA1-3 Determinants of being fully immunized and their effects on mortality and hospitalization cases in an urban informal settlement in Nairobi, Kenya-a longitudinal study

Martin Kavao Mutua (Jomo Kenyatta University of Agriculture and Technology, Nairobi, Kenya / African population and health research center, Nairobi, Kenya)

Room A

18:00-20:00

IEA Business Meeting

Room B

8:30-10:30

Symposium 4**Epidemiology Consortia on a Global Scale: Experience with Large-scale Cohort Research Across Regions and Countries**

Moderator: Manami Inoue (Center for Public Health Sciences, National Cancer Center, Japan)

S4-1 Investigating the causes of chronic disease in a large-scale European consortium: the EPIC study

Marc Gunter (International Agency for Research on Cancer (IARC), Lyon, France)

S4-2 Biobanks and registries for epidemiological research on cancer in the Nordic countries

Elisabete Weiderpass Vainio (Cancer Research, Oslo, Norway)

S4-3 The Experience of the Multiethnic Cohort Study with Genomic Consortia

Loïc Le Marchand (Epidemiology Program, University of Hawaii Cancer Center, Honolulu, HI, USA)

S4-4 Asia Cohort Consortium: Evolving the future

Daehee Kang (Department of Biomedical Sciences, Seoul National University Graduate School, Seoul, Korea / Department of Preventive Medicine, Seoul National University College of Medicine, Seoul, Korea)

S4-5 Japan Cohort Consortium: collaborative effort towards evidence-based cancer prevention in Japan

Taichi Shimazu (Center for Public Health Sciences, National Cancer Center, Japan)

Room B

10:40-11:40

Special Lecture 2**Use of Big Data and Cohorts to Uncover Causes of Non-Communicable Diseases**

Moderator: Shoichiro Tsugane (National Cancer Center, Center for Public Health Sciences, Tokyo, Japan)

SL2 Use of Big Data and Cohorts to Uncover Causes of Non-Communicable Diseases

Wei Zheng (Professor and Director, Vanderbilt Epidemiology Center, Vanderbilt University Medical Center, Nashville, US)

Room B

11:50-12:50

Lunch Time Seminar 2

Sponsored by MSD K. K.

Cervical cancer Protection - from an epidemiological viewpoint

Moderator: Kunio Kitamura (Japan Family Planning Association)

Cervical cancer protection in Japan: Where are we now?

Yutaka Ueda (Oncology and Pathology Section, Department of Obstetrics and Gynecology, Osaka University Graduate School of Medicine)

Proposal for a more efficient future strategy for protection against cervical cancer in Japan

Asami Yagi (Oncology and Pathology Section, Department of Obstetrics and Gynecology, Osaka University Graduate School of Medicine)

Room B

13:00-15:00

Symposium 5

Cancer data for cancer action

Moderators: Tomohiro Matsuda (National Cancer Center, Japan)

Leslie Mery (International Agency for Research on Cancer, France)

S5-1 Global Burden of Cancer - Cancer Data for Cancer Control Action

Freddie Bray (Section of Cancer Surveillance, International Agency for Research on Cancer, Lyon, France)

S5-2 The Global Initiative for Cancer Registry Development (GICR): Building Capacity for Cancer Control

Leslie Mery (Section of Cancer Surveillance, International Agency for Research on Cancer, Lyon, France)

S5-3 Strengthening cancer registry capacity for cancer control in Thailand

Suleeporn Sangrajrang (National Cancer Institute, Bangkok, Thailand)

S5-4 A new stage in cancer registry in Japan: from the preceding era of creation and management of database towards utilization of the data

Tomohiro Matsuda (National Cancer Registry Section, Center for Cancer Registries, Center for Cancer Control and Information Services, National Cancer Center, Tokyo, Japan)

S5-5 Utility of cancer registry data I - Quality control of cancer screening

Kumiko Saika (Center for Public Health Sciences, National Cancer Center, Tokyo, Japan)

S5-6 Utility of cancer registry data II - Cancer control based on geographical analysis

Megumi Hori (Division of Cancer Statistics Integration, National Cancer Center, Tokyo, Japan)

Room B

15:00-17:00

Symposium 6

Decision Making Tool for Health Policy based on Innovative Simulation Approach

Moderator: Tomotaka Sobue (Division of Environmental Medicine and Population Science, Osaka University, Osaka, Japan)

S6-1 Recent trends and future projections for dementia in England and Wales to 2040: Estimates from the IMPACT-Better Ageing Model

Sara Ahmadi-Abhari (Department Epidemiology & Public Health, University College London, UK)

S6-2 A Simulation model of Incidence of Cardiovascular Diseases using Risk Prediction Chart in Japanese men: an application of system dynamics model

Nobuo Nishi (Center for International Collaboration and Partnership, National Institute of Health and Nutrition, National Institutes of Biomedical Innovation, Health and Nutrition, Tokyo, Japan)

- S6-3 Microsimulation model for colorectal cancer to estimate effect of FOBT screening programme and improvement in cancer care in Japan: CAMOS-J CRC**
Kenichi Kamo (Medical Educational Center, Sapporo Medical University, Sapporo, Japan)
- S6-4 Canadian OncoSim Model: Overview, features and applications**
Keiko Asakawa (Health Analysis Division, Statistics Canada, Ottawa, Ontario, Canada)
- S6-5 Use of simulation models to inform vaccine policies and recommendations in Canada**
Ken Eng (Public Health Agency of Canada, National Advisory Committee on Immunization Secretariat, Ottawa, Canada)

Room B

17:00-18:00

Oral 1**Health effects of refugees and migrants / Other topics 1****Moderator: Heiko Becher** (University Medical Center Hamburg-Eppendorf, Hamburg, Germany)

- O1-1 Mortality patterns in a large cohort of migrants from the former Soviet Union in Germany**
Heiko Becher (University Medical Center Hamburg-Eppendorf, Hamburg, Germany)
- O1-2 Ethnic disparities in breast cancer survival in New Zealand: which factors contribute?**
Sandar Tin Tin (Section of Epidemiology and Biostatistics, School of Population Health, The University of Auckland, Auckland, New Zealand)
- O1-3 Smartphone interrupted sleep: a new public health challenge? high-resolution smartphone data from Denmark**
Naja Hulvej Rod (Department of Public Health, University of Copenhagen, Denmark)
- O1-4 Non communicable diseases (NCDs) and prevalence of life style risk factors in a urban population cohort in Trivandrum, S. India**
Leena K B (Population Health and Research Institute, Pazhaya Road, Medical College PO, Trivandrum, India)
- O1-5 Population impact on general and dental health of sugar-sweetened beverages in Australian children**
Loc G Do (Australian Research Centre for Population Oral Health, The University of Adelaide, Australia)

Room C

8:30-10:00

Symposium 7**Workplace intervention to improve worker health****Moderator: Akizumi Tsutsumi** (Kitasato University School of Medicine, Japan)

- S7-1 An integrated workplace mental health intervention in an Australian police context: results of a cluster-randomised trial**
Anthony D. LaMontagne (Work, Health & Wellbeing Unit, Centre for Population Health Research, School of Health & Social Development, Deakin University, Burwood, Australia / Melbourne School of Population and Global Health, University of Melbourne, Australia)
- S7-2 Participatory workplace environment improvements for managing mental health in diverse workplaces**
Toru Yoshikawa (Research Center for Overwork-Related Disorders (RECORDS), National Institute of Occupational Safety and Health (JNIOSH), Kawasaki, Japan)
- S7-3 Improvement of the work environment in Japan: characteristics, the association with work-related stress, and its gender differences in a nationally representative sample**
Kazuhiro Watanabe (Department of Mental Health, Graduate School of Medicine, The University of Tokyo, Japan / Japan Society for the Promotion of Science, Japan)
- S7-4 Policy intervention on psychosocial risk in South Korea**
Jungsun Park (Department of Occupational Health, Catholic University of Daegu, Republic of Korea)

Room C

10:10-11:40

Symposium 8

Epidemiology of mental health after disasters: from research to implementation

Moderators: Norito Kawakami (Department of Mental Health, School of Public Health, The University of Tokyo, Japan)

Kiyomi Sakata (Department of Hygiene and Preventive Medicine, Iwate Medical University School of Medicine, Japan)

S8-1 Mental health impacts of a major disaster in a New Zealand birth cohort: a natural experiment

John Horwood (Department of Psychological Medicine, University of Otago Christchurch, Christchurch, New Zealand)

S8-2 Frequencies, risk factors, and help-seeking for mental disorders/poor mental health among disaster survivors after the Great East Japan Earthquake 2011

Norito Kawakami (Department of Mental Health, School of Public Health, The University of Tokyo, Japan)

S8-3 Mental health after the Fukushima Nuclear Power Plant Accident: from research to implementation

Yuriko Suzuki (Department of Adult Mental Health, National Institute of Mental Health, National Center of Neurology and Psychiatry, Tokyo, Japan)

Room C

11:50-12:50

Lunch Time Seminar 3 Sponsored by Japan Association for Development of Community Medicine

Health Promotion Activities Based on Epidemiological Evidence

- Efforts of Japan Association for Development of Community Medicine -

Moderator: Hiroshi Yanagawa (Health Promotion Research Center, Japan Association for Development of Community Medicine)

Masakazu Nakamura (Health Promotion Research Center, Japan Association for Development of Community Medicine)

Yu Nofuji (Health Promotion Research Center, Japan Association for Development of Community Medicine)

Room C

13:00-15:00

Symposium 9

Life course epidemiology of mental disorders: current evidence and methodological challenge

Moderators: Norito Kawakami (Department of Mental Health, The University of Tokyo, Japan)

Shuntaro Ando (The University of Tokyo Hospital / Tokyo Metropolitan Institute of Medical Science, Japan)

S9-1 Epidemiological Approaches to Longitudinal Mental Health Research in the ALSPAC cohort in the UK

Sarah Sullivan (University of Bristol, UK)

S9-2 Childhood sexual abuse and adult mental health outcomes: methodological issues

John Horwood (Department of Psychological Medicine, University of Otago Christchurch, Christchurch, New Zealand)

S9-3 The Tokyo Teen Cohort study: an adolescent cohort study with life course approach

Shuntaro Ando (The University of Tokyo Hospital, Japan / Tokyo Metropolitan Institute of Medical Science, Japan)

S9-4 Epidemiology of psychotic experiences: life course analysis based on data from the World Mental Health Survey Initiative

Carmen C.W Lim (Queensland Brain Institute and Queensland Centre for Mental Health Research, University of Queensland, Australia)

Room C

15:30-17:00

Symposium 10**Community engagement in research involving human participants**

Moderators: Kaori Muto (Department of Public Policy, The Institute of Medical Science, The University of Tokyo, Japan)
Akiko Tamakoshi (Department of Public Health, Graduate School of Medicine, Hokkaido University, Japan)

S10-1 Patient and public engagement as an ethical requirement for research involving human participants

Kaori Muto (Department of Public Policy, The Institute of Medical Science, The University of Tokyo, Japan)

S10-2 Participant Engagement: the ALSPAC experience

Lynn Molloy (ALSPAC (Children of the 90s), School of Social and Community Medicine, University of Bristol, UK)

S10-3 Toward partnership with research participants - experiences and challenges in Japan -

Eiko Suda (Japan Environment and Children's Study (JECS) Programme Office, Centre for Health and Environmental Risk Research, National Institute for Environmental Studies, Japan)

Room C

17:00-18:00

Oral 2**Maternal and child health 1**

Moderator: Neeraj Bedi (Gandhi Medical College Bhopal, India)

O2-1 Using Geographic Information Systems to understand utilization and access to prenatal genetic services (PGS) in Alberta, Canada

Alka B Patel (Department of Community Health Sciences, University of Calgary, Canada)

O2-2 Intervention strategies for preschool children with autism spectrum disorder: a systematic review and meta-analysis of published articles between years 2001 and 2015

Su Su Maw (Graduate School of Health Sciences, Okayama University, Okayama, Japan)

O2-3 Maternal Health Care Interventions to Reduce MMR in Developing Countries

Neeraj Bedi (Gandhi Medical College Bhopal, India)

O2-4 The impact of financial incentives for Brazilian low-income pregnant women participants of the Brazilian conditional cash transfer program on early identification of pregnancy

Ana Clara Duran (Department of Epidemiology, University of Sao Paulo School of Public Health, Brazil)

Room D

8:30-10:00

Symposium 11**Kawasaki disease: Epidemiological approach to the disease with unknown etiology**

Moderator: Yosikazu Nakamura (Jichi Medical University, Japan)

S11-1 Kawasaki disease: update

Masahiro Ishii (Department of Pediatrics, Kitasato University School of Medicine, Japan)

S11-2 Kawasaki disease in the United States

Ermias Belay (National Center for Infectious Diseases, Centers for Disease Control and Prevention, USA)

S11-3 Epidemiologic feature of Kawasaki disease in Beijing from 2005 through 2015

Zhong Dong Du (Beijing Children's Hospital, Capital Medical University, China)

S11-4 Epidemiology of Kawasaki disease in Mongolia

Dambadarjaa Davaalkham (Department of Epidemiology and Biostatistics, Mongolian National University of Medical Sciences, Mongolia)

S11-5 Epidemiology of Kawasaki disease in Japan: The etiology of Kawasaki disease investigated from epidemiology

Nobuko Makino (Department of Public Health, Jichi Medical University, Japan)

Room D

10:00-11:30

Symposium 12

Local public health authorities and epidemiology in the changing world

Moderators: Ritei Uehara (Department of Health Sciences, Saitama Prefectural University, Koshigaya, Japan)
Tsuyoshi Ogata (Tsuchiura Public Health Center, Ibaraki prefectural government, Japan)

S12-1 Characteristics and epidemiological works of public health centers in Japan

Hidenori Uda (Chairperson of the Japanese Association of Public Health Center Directors (JAPHCD), Tokyo, Japan /
Director of Ijuin Public Health Center, Kagoshima, Japan)

S12-2 Epidemiological Activities of State and County Public Health Authorities and Their Collaborations with CDC, USA

Matthew Griffith (Researcher, Infectious Diseases Surveillance Center, National Institute for Infectious Diseases, Japan)

S12-3 Early Warning Surveillance of Infectious Diseases in Beijing, China

Zheng Yang (Institute for Infectious Disease and Endemic Disease Control, Beijing Center for Disease Prevention and Control (CDC), China)

S12-4 Epidemiological Knowledge for local health policy making: Insights from the new public health system in England

Ryozo Matsuda (College of Social Sciences, Ritsumeikan University, Kyoto, Japan)

Room D

11:50-12:50

Lunch Time Seminar 4

Sponsored by OMRON HEALTHCARE Co., Ltd.

Significance of Home Blood Pressure Measurement on Research in Cardiovascular Epidemiology: Findings from the Ohasama Study

Moderator: Katsuyuki Miura (Center for Epidemiologic Research in Asia, Shiga University of Medical Science)

Takayoshi Ohkubo (Department of Hygiene and Public Health, Teikyo University School of Medicine)

Room D

15:00-17:00

Symposium 13

Health effects of exposure to electromagnetic fields

Moderators: Naohito Yamaguchi (Tokyo Women's Medical University, Tokyo, Japan)
Masao Taki (Tokyo Metropolitan University, Tokyo, Japan)

S13-1 Policy trend of electromagnetic environment and direction of Japan

Reiko Kondo (Ministry of Internal Affairs and Communications, Telecommunication Bureau, Tokyo, Japan)

S13-2 Mobile phone use and brain tumor: preliminary results from MOBI-Kids Japan

Noriko Kojimahara (Tokyo Women's Medical University, Tokyo, Japan)

S13-3 Exposure Assessment for RF Radiation from Mobile Phones: Korea and JK EA based on MOBI-Kids Study

Ae-Kyoung Lee (Radio & Satellite Research Division, ETRI, Daejeon, Korea)

S13-4 Epidemiological studies on intermediate frequency electromagnetic field (IF-EMF)

Shigeru Sokejima (Mie University, Tsu, Japan)

S13-5 MOBI-KIDS-Risk of brain cancer from exposure to radiofrequency fields in childhood and adolescence

Elisabeth Cardis (ISglobal, Barcelona, Spain)

Room E

10:40-11:40

Symposium 14

Time trends in perinatal and infant health based on four population based cohorts from Pelotas, Brazil (1982, 1993, 2004, 2015)

Moderators: Cesar Victora (Federal University of Pelotas, Brazil)
Fernando Barros (Catholic University of Pelotas, Brazil)**S14-1 Maternal health and antenatal care in four cohorts**

Mariangela Silveira (Department of Maternal and Child Health, Federal University of Pelotas, Brazil)

S14-2 Delivery care and newborn health in four cohorts

Fernando Barros (Department of Maternal and Child Health, Catholic University of Pelotas, Brazil)

S14-3 Child health and nutrition in four birth cohorts

Cesar Gomes Victora (Post Graduate Program in Epidemiology, Federal University of Pelotas, Brazil)

Room E

13:00-15:00

Symposium 15

Inequalities in the health of mothers and children in 100 countries - analyses of reproductive and health surveys

Moderators: Aluisio J D Barros (International Center for Equity in Health, Federal University of Pelotas, Brazil)
Cesar G Victora (International Center for Equity in Health, Federal University of Pelotas, Brazil)**S15-1 How much progress has been made in reducing the gaps of essential health interventions for mothers and children in the MDG years?**

Aluisio J D Barros (International Center for Equity in Health, Federal University of Pelotas, Brazil)

S15-2 The challenge of developing a woman's empowerment index based on household health surveys - the SWPER

Fernanda Ewerling (International Center for Equity in Health, Federal University of Pelotas, Brazil)

S15-3 Stunting is decreasing in low and middle income countries, but the gap is not closing between rich and poor in countries with lower income

Inacio C Silva (International Center for Equity in Health, Federal University of Pelotas, Brazil)

S15-4 Equity in the health of mothers and children: challenges in the era of the Sustainable Development Goals

Cesar G Victora (International Center for Equity in Health, Federal University of Pelotas, Brazil)

Room F

8:30-9:30

Oral 3

Maternal and child health 2

Moderator: TBD

O3-1 Relationship between sleep habits and mental health among Japanese 6 or 7 year olds: Results from the A-CHILD study

Satomi Doi (Department of Global Health Promotion, Tokyo Medical and Dental University, Tokyo, Japan)

03-2 Predictive validity of developmental milestones for detecting limited intellectual functioning in The Netherlands

Paul H Verkerk (Department of Child Health, TNO, Leiden, The Netherlands)

03-3 Caesarean delivery and anaemia risk in children in 45 low- and middle- income countries: propensity-score weighting and meta-analysis of national survey data

Calistus Wilunda (Graduate School of Medicine and Public Health, Department of Pharmacoepidemiology, Kyoto University, Kyoto, Japan)

03-4 Prenatal and postnatal maternal somatic anxiety and hyperactivity symptoms in children

Blanca Bolea (Maternal and Child Health, School of Social and Community Medicine, University of Bristol, UK)

Room F

9:30-10:30

Oral 4

Maternal and child health 3

Moderator: TBD

04-1 Association of pre-pregnancy body mass index (BMI) with future offspring metabolic profile: findings from three independent European cohorts

Diana L. Santos Ferreira (MRC Integrative Epidemiology Unit, University of Bristol, UK / School of Social and Community Medicine, University of Bristol, UK)

04-2 Maternal dietary patterns in pregnancy in relation to offspring height and weight: evidence from a large prospective birth cohort

Camilla Nykjaer (Nutritional Epidemiology Group, School of Food Science & Nutrition, University of Leeds, UK / Centre for Sport & Exercise Sciences, Faculty of Biological Sciences, University of Leeds, Leeds, UK)

04-4 Synergistic effects of unintended pregnancy and young motherhood on shaking and smothering towards infants among caregivers in Nagoya-city, Japan

Aya Isumi (Department of Global Health Promotion, Tokyo Medical and Dental University, Tokyo, Japan)

Room F

10:30-11:30

Oral 5

Maternal and child health 4

Moderator: TBD

05-1 Incidence of childhood overweight and obesity and its association with weight-related attitudes and behaviors in China: a national longitudinal study

Meixia Dai (Department of Maternal and Child Health, School of Public health, Sun Yat-sen University, Guangzhou, China)

05-2 Effectiveness of a kindergarten-based integrated intervention for preventing childhood obesity in China: A non-randomized trial

Yan Hu (Division of Birth Cohort Study, Guangzhou Women and Children's Medical Center, Guangzhou Medical University, Guangzhou, China / Department of Woman and Child Health Care, Guangzhou Women and Children's Medical Center, Guangzhou Medical University)

05-3 Multiple psychosocial stressors across the first decade of life, childhood obesity and socioemotional difficulties: findings from the Millennium Cohort Study (UK)

Hanna Creese (Department of Epidemiology and Public Health, University College London, UK)

05-4 Indoor air pollution and low birth weight. An Analysis of The 2012 Indonesian Demography and Health Survey

Asri Adisasmita (Department of Epidemiology, Faculty of Public Health, Universitas Indonesia, Indonesia)

Room F 13:00-14:00

Oral 6

Geriatric epidemiology 1

Moderator: Noriko Yoshimura (Department of Joint Disease Research, 22nd Century Medical and Research Center, The University of Tokyo, Tokyo, Japan)

O6-1 Identifying frail biomarkers using the japan gerontological evaluation study

Noriko Cable (Department of Epidemiology and Public Health, University College London, UK)

O6-2 Mutual associations among frailty, sarcopenia, and osteoporosis

Noriko Yoshimura (Department of Joint Disease Research, 22nd Century Medical and Research Center, The University of Tokyo, Tokyo, Japan)

O6-3 The relationship between body mass index and disability-free survival in elderly Japanese: the Ohsaki Cohort 2006 Study

Shu Zhang (Division of Epidemiology, Tohoku University School of Public Health, Graduate School of Medicine, Sendai, Miyagi, Japan)

Room F 14:00-15:00

Oral 7

Geriatric epidemiology 2

Moderator: Salim M. Adib (Department of Epidemiology and Population Health, Faculty of Health Sciences, American University of Beirut (AUB), Beirut, Lebanon)

O7-1 Predictors of late deficit accumulation onset in older adults in Europe: results from the SHARE study

Anna-Janina Stephan (Institute for Medical Information Processing, Biometry and Epidemiology, Ludwig-Maximilians-Universitaet Muenchen, Germany)

O7-2 Age at menopause and lifetime cognition: findings from the British MRC National Survey of Health and Development

Diana Kuh (MRC Unit for Lifelong Health and Ageing, University College London, UK)

O7-3 Geriatric cancer projections in the middle-east: findings from Lebanon (2010-2025)

Salim M. Adib (Department of Epidemiology and Population Health, Faculty of Health Sciences, American University of Beirut (AUB), Beirut, Lebanon)

O7-4 The association between plasma Angptl2 level and all-cause mortality among the younger-old Japanese: a case-cohort study within NISSIN Project

Wenjing Zhao (Department of Public Health, Graduate School of Medicine Hokkaido University, Sapporo, Hokkaido, Japan)

Room F 15:00-16:00

Oral 8

Social epidemiology 1

Moderator: Farhat Yusuf (Menziess Centre for Health Policy, The University of Sydney, Australia)

O8-1 Increased breast cancer mortality only in the lower education group: Age-period-cohort effect in breast cancer mortality by educational level in South Korea, 1983-2012

Kyunghee Jung-Choi (Department of Occupational and Environmental Medicine, Ewha Womans University, Republic of Korea)

08-2 Comparison of district-level income gaps in smoking prevalence from two national databases: the National Health Screening Database and the Community Health Survey in Korea, 2009-2014

Ikhan Kim (Department of Health Policy and Management, Seoul National University College of Medicine, Seoul, Republic of Korea)

08-3 Social epidemiology of the Indigenous people in Australia

Farhat Yusuf (Menziess Centre for Health Policy, The University of Sydney, Australia)

Room F

16:00-17:00

Oral 9

Social epidemiology 2

Moderator: Cristian Carmeli (Division of Chronic Diseases, Institute of Social and Preventive Medicine, Lausanne University Hospital, Switzerland)

09-1 Socioeconomic inequality in childhood obesity: the weight disorders survey of the CASPIAN study- Iran

Ramin Heshmat (Chronic Diseases Research Center, Endocrinology and Metabolism Population Sciences Institute, Tehran University of Medical Sciences, Tehran, Iran)

09-2 Socioeconomic status as a determinant of physical functioning: a multicohort study of 68459 participants in 5 countries

Cristian Carmeli (Division of Chronic Diseases, Institute of Social and Preventive Medicine, Lausanne University Hospital, Switzerland)

09-3 Can social differences explain the geographical patterns in acute myocardial infarction in Denmark?

Thora Majlund Kjaerulff (National Institute of Public Health, University of Southern Denmark, Denmark)

Room F

17:00-18:00

Oral 10

Social epidemiology 3

Moderator: Amanda Hughes (Institute for Social and Economic Research, University of Essex, UK)

O10-1 Asthma and mental health among Brazilian children: evidence of mind-body interactions on the onset, remission and severity of wheeze

Caroline Feitosa (Division of Public health, Bahia School of Medicine and Public Health, Brazil / Institute of Collective Health, ISC-UFBA)

O10-2 Do material, psychosocial and behavioural factors explain the association between disability acquisition and poor mental health in Australian adults? A causal mediation analysis

Zoe Aitken (Gender and Women's Health Unit, Centre for Health Equity, Melbourne School of Population and Global Health, The University of Melbourne, Carlton, Australia)

O10-3 Are anabolic hormones an overlooked mechanism in health disparities? Social differences in IGF-1, DHEAS and testosterone in the UK Household Longitudinal Study

Amanda Hughes (Institute for Social and Economic Research, University of Essex, UK)

O10-4 Informal caregiving and type 2 diabetes and modifying effects of psychosocial work factors: a longitudinal multi-cohort study

Jesper Mortensen (Department of Public Health, University of Copenhagen, Denmark)

O10-5 PASSIVE SMOKING AT HOME BY SOCIOECONOMIC FACTORS IN A JAPANESE POPULATION: NIPPON DATA 2010

Minh Hoan Le Nguyen (Center for Epidemiological Research in Asia, Shiga University of Medical Science, Shiga, Japan)

Room G

8:30-9:30

Oral 11

Environmental epidemiology 1

Moderator: Jung-eun Lim (Institute for Health Promotion & Department of Epidemiology and Health Promotion, Graduate School of Public Health, Yonsei University, Seoul, Republic of Korea / College of Pharmacy, Ewha Womans University, Republic of Korea)

- O11-1 Joint effects of heatwave and air quality on emergency health services in Western Australia**
Le Jian (Public Health Division, Western Australia Department of Health, Western Australia, Australia / Curtin University)
- O11-2 Perinatal mortality risk from exposure to ambient particulate matter during gestation: a regional study in China**
Mengling Tang (Department of Epidemiology and Health Statistics, Zhejiang University School of Public Health, Hangzhou, Zhejiang, China)
- O11-3 Association between serum persistent organic pollutants and stroke risk in Korea**
Jung-eun Lim (Institute for Health Promotion & Department of Epidemiology and Health Promotion, Graduate School of Public Health, Yonsei University, Seoul, Republic of Korea / College of Pharmacy, Ewha Womans University, Republic of Korea)
- O11-4 Quantifying the Effects of daily ambient temperature on diabetes mortality among the cities in the Philippines**
Xerxes Tesoro Seposo (Department of Health Care Policy and Management, University of Tsukuba, Tsukuba, Ibaraki, Japan)

Room G

9:30-10:30

Oral 12

Environmental epidemiology 2

Moderator: Angela van der Plas (Product Assessment and Scientific Substantiation, Philip Morris International, Switzerland)

- O12-1 Prevalence and patterns of tobacco use in Japan after the commercialization of a heat-not-burn alternative (IQOS) to cigarettes: analysis and evaluation of a cross-sectional study**
Angela van der Plas (Product Assessment and Scientific Substantiation, Philip Morris International, Switzerland)
- O12-2 Lung function among 9-10 year-old Tibetan schoolchildren living at different altitudes in Tibet**
YANGZONG (Department of Preventive Medicine, Medical College, University of Tibet, China)
- O12-3 Studies from the Global Geo Health Data Center: the associations between fast-food outlet density and the incidence of individual-level cardiovascular disease**
Ilonca Vaartjes (Department of Epidemiology, Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, The Netherlands)
- O12-4 Prediction of health effects of cross-border atmospheric pollutants using the Model of Aerosol Species in the Global Atmosphere (MASINGAR)**
Kazunari Onishi (Center of Birth Cohort Studies, Interdisciplinary Graduate school of Medicine, University of Yamanashi, Japan)

Room G

10:30-11:30

Oral 13

Occupational health

Moderator: Patrick Brzoska (Epidemiology Unit, Chemnitz University of Technology, Thuringer, Germany)

- O13-1 Bullying, violence and risk of cardiovascular disease and diabetes: a multi-national study**
Tianwei Xu (Section of Social Medicine, Department of Public Health, University of Copenhagen, Copenhagen, Denmark)

O13-2 Work-related stressors among migrants residing in Germany: The role of socio-economic profiles

Patrick Brzoska (Epidemiology Unit, Chemnitz University of Technology, Thuringer, Germany)

O13-3 Does work-family conflict mediate the association between work-related stress and depressive symptoms over time? Longitudinal evidence from the German lidA-cohort study

Jean-Baptist du Prel (Department of Occupational Health Science, University of Wuppertal, Wuppertal, Germany)

O13-4 Work, Family Caregiving, and Social Network on Mental Health among Japanese Civil Servants

Masaaki Yamada (Epidemiology and Health Policy, University of Toyama, Toyama, Japan)

Room G

13:00-14:00

Oral 14

Cardiovascular and renal diseases 1

Moderator: Hiroshi Yokomichi (Department of Health Sciences, University of Yamanashi, Yamanashi, Japan)

O14-1 Body size in early and adult life and risk of coronary heart disease in adulthood: A prospective study in a large UK cohort

Dexter Canoy (Cancer Epidemiology Unit, Nuffield Department of Population Health, University of Oxford, Oxford, UK)

O14-2 Incidence of metabolic syndrome in Japanese people by gender and age: a large-scale cohort study

Yasuo Haruyama (Department of Public Health, Dokkyo Medical University School of Medicine, Tochigi, Japan)

O14-3 Dietary soy intake and mortality from coronary heart diseases among Japanese: The JACC Study

Hitomi Kimura (Department of Public Health Medicine, Faculty of Medicine, University of Tsukuba, Tsukuba, Ibaraki, Japan)

O14-4 Cause-specific mortality rate in Japanese type 2 diabetic patients with complications of macro- and microvascular disease: BioBank Japan cohort

Hiroshi Yokomichi (Department of Health Sciences, University of Yamanashi, Yamanashi, Japan)

O14-5 Smoking and risk of atrial fibrillation: A prospective study with cotinine measurement

Hui Zuo (Department of Global Public Health and Primary Care, University of Bergen, Bergen, Norway)

Room G

14:00-15:00

Oral 15

Cardiovascular and renal diseases 2

Moderator: Maryam Zaid (Center for Epidemiologic Research in Asia (CERA), Shiga University of Medical Science (SUMS), Otsu, Shiga, Japan)

O15-1 Breastfeeding and the risk of maternal cardiovascular disease: findings from the China Kadoorie Biobank

Sanne Peters (The George Institute for Global Health, University of Oxford, Oxford, UK)

O15-2 Estimating the effect of obesity on coronary heart disease using the method of G-estimation in the Atherosclerosis risk in communities (ARIC) study

Maryam Shakiba (School of Health, Guilan University of Medical Sciences, Rasht, Iran)

O15-3 Incidence rates of premature cardiovascular disease and its risk factors: 12-year follow up of the prospective Tehran Lipid and Glucose Study

Ali Eslami (Prevention of Metabolic Disorders Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran)

O15-4 The relationship of carotid intima-media thickness measurements with coronary artery calcification in a Japanese general population: SESSA

Maryam Zaid (Center for Epidemiologic Research in Asia (CERA), Shiga University of Medical Science (SUMS), Otsu, Shiga, Japan)

Room G

15:00-16:00

Oral 16

Cardiovascular and renal diseases 3

Moderator: TBD

O16-1 Invasive dental treatment and the risk of acute vascular events in Taiwan: a self-controlled case series study

Tzu-Ting Chen (Institute of Epidemiology and Preventive Medicine, National Taiwan University, Taipei, Taiwan)

O16-2 Analysis of pattern of visits to medical institutions among individuals with lifestyle-related diseases: A longitudinal study using claims and annual health check-up data in Japan

Go Muto (Department of Epidemiology and Environmental health, Graduate school of Medicine, Juntendo University, Tokyo, Japan)

O16-3 Metabolic profiling of adiponectin levels in adults: Mendelian randomization analysis in European and Brazilian adults

Maria Carolina Borges (Post-Graduate Program in Epidemiology, Federal University of Pelotas, Pelotas, Brazil / MRC Integrative Epidemiology Unit, University of Bristol, UK / School of Social and Community Medicine, University of Bristol, Bristol, UK)

O16-5 Intensive versus Standard Blood Pressure Control in Nondiabetic Patients with Chronic Kidney Disease: Systematic Review and Meta-analysis of Randomized Clinical Trials

Hon-Yen Wu (Division of Nephrology, Department of Internal Medicine, Far Eastern Memorial Hospital, New Taipei, Taiwan / Institute of Epidemiology and Preventive Medicine, National Taiwan University College of Public Health, Taipei City, Taiwan / Department of Internal Medicine, National Taiwan University Hospital and College of Medicine, Taipei City, Taiwan)

Room G

17:00-18:00

Oral 17

Ethics

Moderator: Emily C OBrien (Duke University School of Medicine, USA)

O17-1 The use of incentives to encourage participation in longitudinal cohort studies

Lynn Molloy (School of Community and Social Medicine, University of Bristol, UK)

O17-2 Couple as the unit of analysis: ethics in sampling and data collection drawn from a Portuguese mixed-methods study

Mariana Amorim (Epidemiology Research Unit (EPIUnit), Instituto de Saude Publica, Universidade do Porto, Portugal / Global Public Health Doctoral Programme / Faculdade de Medicina, Universidade do Porto, Porto, Portugal)

O17-3 Patient perspectives on the linkage of health data for clinical research: insights from a survey in the United States

Emily C OBrien (Duke University School of Medicine, USA)

Poster Presentation Room

17:00-18:00

Poster Presentation 1

- P1-1 Comparison of help-seeking intentions for physical and psychological symptoms among Japanese adults**
Machi Suka (Department of Public Health and Environmental Medicine, The Jikei University School of Medicine, Tokyo, Japan)
- P1-2 RELATIONSHIP BETWEEN PSYCHOLOGICAL DISTRESS AND TOBACCO USE: A CROSS-SECTIONAL STUDY FROM NORTH INDIA**
Sonu Goel (School of Public Health, Post Graduate Institute of Medical Education and Research, Chandigarh, India)
- P1-3 Tobacco use trends in Thailand using age-period cohort model: the national household survey 1996-2015**
Nirun Intarut (Faculty of Medicine, Mahasarakham University, Thailand)
- P1-4 Effect Heterogeneity and Variable Selection for Standardizing Experimental Findings**
Anders Huitfeldt (The Meta-Research Innovation Center at Stanford, Stanford University School of Medicine, USA)
- P1-5 Impact of a modification of a strategy of care for patients with end-stage renal disease**
Cecile Couchoud (French REIN registry, Agence de la biomedecine, France / UCL, CNRS, UMR 5558, Villeurbanne, France)
- P1-6 Trend Analysis and Forecast of Alcohol Related Crash Fatalities, Illinois 1982 to 2014**
Darnna Banks (Department of Pediatrics, John H Stroger Jr Hospital of Cook County, Chicago, IL, USA)
- P1-7 Inequities in access to depression treatment: results of the Brazilian National Health Survey**
Natalia Limoes Hellwig (Institute of Social Medicine, State University of Rio de Janeiro, Brazil)
- P1-8 Effect of DOTS on sputum conversion after 2 months of treatment among pulmonary tuberculosis patients in Bangladesh**
MSA Mansur Ahmed (Department of Public Health, Daffodil International University, Dhaka, Bangladesh)
- P1-10 A survey-based indicator of women's empowerment: the development of the 'SWPER' index for Africa**
Fernanda Ewerling (International Center for Equity in Health, Postgraduate Program in Epidemiology, Federal University of Pelotas, Brazil / Postgraduate Program in Epidemiology, Federal University of Pelotas, Brazil)
- P1-11 Dietary supplement consumption among hospital personnel in central Bangkok**
Tanida Makeaw (Division of Medical Research, Department of Research and Technology Assessment, Rajavithi Hospital, Bangkok, Thailand)
- P1-12 Mental health impacts of social capital interventions, a Systematic Review**
Elaine Catherine Flores (Centre for Global Mental Health, Faculty of Epidemiology and Population Health, London School of Hygiene and Tropical Medicine, London, UK / Universidad Peruana Cayetano Heredia / Universidad de San Martin de Porres)
- P1-13 Comparison of methods for the statistical mediation analysis of models with a dichotomous outcome variable**
Judith J M Rijnhart (Department of Epidemiology and Biostatistics, VU University Medical Center, Amsterdam, The Netherlands / EMGO Institute for Health and Care Research, VU University Medical Center, Amsterdam, The Netherlands)
- P1-14 Healthcare workers attitudes towards influenza vaccination in the Czech Republic**
Jan Kyncl (Centre for Epidemiology and Microbiology, National Institute of Public Health, Prague, Czech Republic)
- P1-15 Hepatitis B and C infection profile in hilly tribal community of northern India**
Brij Sharma (Department of Gastroenterology, Himachal Pradesh University, Indira Gandhi Medical College, India)
- P1-16 Assessment of vaccination coverage and adverse events following vaccine using an electronic immunization registry in a medium-sized city, Brazil**
Ana Paula Sayuri Sato (School of Public Health, Department of Epidemiology, University of Sao Paulo, Brazil)

- P1-17 Sexual Activity and Prostate Cancer: Dose-response meta-analysis**
Yun-Chun Wu (Institute of Epidemiology and Preventive Medicine, National Taiwan University, Taipei, Taiwan)
- P1-18 Mendelian randomization study identifies causal association between Education and Coronary Artery Disease**
Taavi Tillmann (Department of Epidemiology & Public Health, University College London, UK)
- P1-19 Integrated disease surveillance and response strategy for epidemic prone diseases at the primary health care level in Oyo State, Nigeria: health care workers perspective**
Kola Ademola Jinadu (University of Ibadan, Ibadan, Nigeria / University College Hospital, Ibadan, Nigeria)
- P1-21 Exploring mental health services among climate victims in a cyclone affected area of coastal Bangladesh**
Naymuddin Roby (Infectious Diseases Division, International Center for Diarrhoeal Diseases Research, Dhaka, Bangladesh)
- P1-23 Descriptive epidemiology of human prion diseases in Japan: a prospective 16-year surveillance study**
Ryusuke Ae (Division of Public Health, Center for Community Medicine, Jichi Medical University, Tochigi, Japan)
- P1-24 Intersectionality and risk for ischemic heart disease in Sweden: categorical and anti-categorical approaches**
Maria Wemrell (Unit of Social Epidemiology, Faculty of Medicine, Lund University, Malmö, Sweden)
- P1-25 Epidemiological Investigation of Hepatitis E outbreak in a Northern city of India**
Anita Thakur (Department of Community Medicine, Indira Gandhi Medical College, Shimla, India)
- P1-26 Profile of MDR-TB patients and MDR-TB and HIV co-infected patients followed at Sanatorium Hospital in Luanda, Angola, in 2014**
Ines Fronteira (Division of International Health, Institute of Hygiene and Tropical Medicine, Portugal)
- P1-27 A comparison of work stress between nursing jobs and non nursing jobs in clinical environments**
Miyako Noda (Gifu Junior College of Health Science, Gifu, Japan)
- P1-28 An Out-of-Pocket Cost Removal Intervention on Fecal Occult Blood Test Attendance**
Takahiro Tabuchi (Center for Cancer Control and Statistics, Osaka Medical Center for Cancer and Cardiovascular Diseases, Osaka, Japan)
- P1-29 Partners' ongoing treatment for chronic disease and the risk of psychological distress after the Great East Japan Earthquake**
Naoki Nakaya (Department of Preventive Medicine and Epidemiology, Tohoku Medical Megabank Organization, Tohoku University, Sendai, Miyagi, Japan)
- P1-30 A 30 year trend of tuberculosis in an HIV epicenter in Northern Thailand**
Pathom Sawanpanyalert (Ministry of Public Health, Thailand / TB / HIV Research Foundation, Chiang Rai, Thailand)
- P1-31 Determinants of sodium intake in adult populations of high-income countries: a systematic review and meta-analysis**
Carlos de Mestral (Division of Chronic Diseases, Institute of Social and Preventive Medicine, Lausanne University Hospital, Switzerland)
- P1-32 Regional disparities in Japanese suicide rate based on age, period, and cohort factors**
Noriko Miwa (Division of Nursing, University of Tokyo Health Sciences, Tokyo, Japan)
- P1-33 Alcohol related harm to children due others alcohol drinking in Brazil**
Maria CP Lima (Public Health, Botucatu Medical School UNESP, Brazil)
- P1-34 Measures against the pandemic influenza A (H1N1) 2009, China and Japan**
Takashi Sano (Department of Public Health, Jichi Medical University, Tochigi, Japan)

- P1-35 Perceived stress, depressive state, and oxidative DNA damage in a general Japanese population**
Chisato Shimano (Department of Preventive Medicine, Faculty of Medicine, Saga University, Saga, Japan)
- P1-36 ANALYSIS OF ORDINAL DATA IN THE STUDY OF ENDOMETRIAL CANCER UNDER A MATHCHED PAIR CASE-CONTROL DESIGN USING GENERALIZED ESTIMATING EQUATIONS**
Shyam Sundar Ganguly (Department of Family Medicine & Public Health, College of Medicine & Health Sciences, Sultan Qaboos University, Muscat, Oman)
- P1-37 Posterior atrophy as a marker for rapid progression in Alzheimer disease**
Young Ho Park (Department of Neurology, Seoul National University Bundang Hospital, Republic of Korea)
- P1-38 Individual variability and risk factors for methicillin-resistant *Staphylococcus aureus* (MRSA) colonization: Modifying effects of prior MRSA-carriage**
Angela Chow (Department of Clinical Epidemiology, Institute of Infectious Diseases & Epidemiology, Tan Tock Seng Hospital Singapore, Singapore)
- P1-39 Twenty-year Trends and the Influence of Age on Multimorbidity in the United States**
Paul E Ronksley (Community Health Sciences, University of Calgary, Alberta, Canada)
- P1-40 Damage situations and socioeconomic circumstances continuously affect the mental health of elderly victims of the Great East Japan Earthquake: the RIAS study**
Eri Takusari (Department of Hygiene and Preventive Medicine, Iwate Medical University School of Medicine, Iwate, Japan)
- P1-41 Social determinants of health among mothers of children with disabilities in Japan**
Miyako Kimura (Department of Preventive Medicine, St. Marianna University School of Medicine, Kawasaki, Japan)
- P1-42 Clan involved approaches to antenatal care in a rural minority area, China**
Wei Ma (Department of Epidemiology, Shandong University School of Public Health, China)
- P1-43 Evaluation of epidemic threshold of influenza surveillance system in Korea**
Bryan Inho Kim (Division of Risk Assessment & International Cooperation, Korea Centers for Disease Control, Republic of Korea)
- P1-44 Changes in the average interval since last visit and the number of repeat outpatients in the Patient Survey of Japan**
Shinichiro Kubo (Department of Public Health, Health Management and Policy, Nara Medical University, Nara, Japan)
- P1-45 Factors associated with prefectural disparity of life expectancy and healthy life expectancy in Japan: an ecological study**
Mieko Nakamura (Department of Community Health and Preventive Medicine, Hamamatsu University School of Medicine, Hamamatsu, Shizuoka, Japan)
- P1-46 Comparing rates of serious infections in ethnic groups: a retrospective cohort study of 4.62 million people in Scotland**
Laurence Gruer (Usher Institute of Population Sciences and Informatics, University of Edinburgh, UK)
- P1-47 Associations of adverse childhood experience with adult diseases and their risk factors in older people: A comparative study of Japan and Finland**
Airi Amemiya (Department of Health and Social Behavior, School of Public Health, The University of Tokyo, Tokyo, Japan)
- P1-48 Association between anesthetic agents and early surgical site infection after total knee arthroplasty: analysis using Japanese nationwide database**
Miwa Kishimoto (Department of Public Health, Health Management and Policy, Nara Medical University, Nara, Japan / Department of Anesthesiology, Nara Medical University)
- P1-49 An epidemiological analysis of firearms-related mortality in Mexico**
Guillermo Julian Gonzalez-Perez (University Center of Health Sciences, University of Guadalajara, Mexico)

- P1-50 Effect of *H. pylori* infection on the risk of atopy and allergic disorders in a cohort of young Ethiopian children**
Bineyam Taye (Department of Biology, Colgate University, USA)
- P1-51 Relationship between teacher support and depression among junior high school students in Japan**
Akiko Mizuta (Department of Community Health Nursing, Hamamatsu University School of Medicine, Hamamatsu, Shizuoka, Japan)
- P1-52 Risk factors for extended-spectrum beta-lactamase-producing *Escherichia coli* urinary tract infection in the community in Denmark: a case-control study**
Christina Vandenbroucke-Grauls (Department of Medical Microbiology and Infection Control, VU University Medical Center, Amsterdam, The Netherlands)
- P1-53 Risk factors and causes of death in new smear positive pulmonary TB patients at Chiangrai, Thailand**
Worarat Imsanguan (Internal Medicine Department, Chiangrai Prachanukroh Hospital, Chiangrai, Thailand)
- P1-54 Personal responsibility and self help in the health system reform. Cuba 2015**
Isabel Pilar Luis Gonzalvez (Clinical research and impact assessment, Finlay Institute, Havana, Cuba)
- P1-55 The effect of *H. pylori* on malnutrition in school-aged children in Butajira, Ethiopia**
Samantha Hynes (Department of Biology, Colgate University, USA)
- P1-56 Logistic Regression Model for Survival Time Analysis Using Time-Varying Coefficients**
Kenichi Satoh (Research Institute for Radiation Biology and Medicine, Hiroshima University, Hiroshima, Japan)
- P1-57 Prevalence of *H.pylori* infection in Japan by birth cohort, from 1908 to 2003 -- a systematic review and meta-regression analysis**
Chaochen Wang (Department of Public Health, Aichi Medical University School of Medicine, Nagakute, Aichi, Japan)
- P1-58 Psychological distress and suicide risk in Japan: The Ohsaki Cohort 2006 Study**
Fumiya Tanji (Department of Health Informatics and Public Health, Tohoku University School of Public Health, Graduate School of Medicine, Sendai, Miyagi, Japan)
- P1-59 Statistical method estimating varying coefficients for longitudinal data without specifying spatial-temporal baseline trend and its application to cancer mortality data**
Tetsuji Tonda (Faculty of Management and Information Systems, Prefectural University of Hiroshima, Hiroshima, Japan)
- P1-60 The association of pattern of alcohol use and the change of health-related quality of life: the FAMILY Cohort in Hong Kong and the NESARC Cohort**
Xiaoxin Iris Yao (School of Public Health, Li Ka Shing Faculty of Medicine, The University of Hong Kong, Hong Kong SAR, China)
- P1-61 Interaction between job status and psychological stress to life-style factors: the Shizuoka-Sakuragaoka J-MICC Study**
Kaori Endoh (School of Food and Nutritional Sciences, University of Shizuoka, Shizuoka, Japan)
- P1-62 Study Design and Baseline Survey of Japan Public Health Center-based prospective Study for the Next generation (JPHC-NEXT Study)**
Norie Sawada (Epidemiology Division, Center for Public Health Sciences, National Cancer Center, Tokyo, Japan)
- P1-63 Correlation between chronological trends of Kawasaki disease and infectious disease in Saitama, Japan**
Yukie Ozeki (Division of Infectious Disease and Epidemiology, Saitama Institute of Public Health, Saitama, Japan)
- P1-64 Depression and parent-child relation of the elderly in rural northern India**
Alok Kumar (Division of Biostatistics, Banaras Hindu University, Department of Community Medicine, Institute of Medical Sciences, Varanasi, India)
- P1-65 Recursive partitioning to explore subgroups with high and low risks of hearing loss in very preterm neonates from Neonatal Intensive Care Units in the Netherlands**
Paula van Dommelen (Department of Child Health, TNO, Leiden, The Netherlands)

- P1-66 Smoking and deprivation in South Africa: a cross-sectional study**
Yan Kwan Lau (Department of Epidemiology, University of Michigan, USA)
- P1-67 Survey data imputation using C4.5 machine learning technique**
Leonardo Zanini Ferreira (International Center for Equity in Health, Federal University of Pelotas, Brazil / Graduation Program in Computer Science, Federal University of Pelotas, Brazil)
- P1-68 Effectiveness of disinfection with chlorine vs Adaminaphenitil-3 in critical enviromental surfaces of the Intensive Care Unit from Hospital de Especialidades Centro Medico Nacional Siglo XXI**
Yazmin Zacate (Epidemiology, Mexican Institute of Social Security, Mexico)
- P1-69 A Study on Relevance of High-Caffeine Drinks Intake Frequency to Mental Health of Adolescents**
Woogyung Shin (Department of Home Economics, Korea University, Seoul, Republic of Korea)
- P1-70 Socio-economic & demographic characteristics and health condition among elderly tribal people in northern India**
Subhi Srivastava (Biostatistics, Banaras Hindu University, Department of Community Medicine, Institute of Medical Sciences, India)
- P1-71 Reasons of non acceptance of indoor residual spraying for visceral leishmaniasis: A qualitative study in district Muzzafarpur Bihar, India**
Sangeeta Kansal (Community Medicine, Banaras Hindu University, Institute of Medical Sciences, Varanasi, India)
- P1-72 Prevalence and Factor of Alcohol consumption effect to hepatitis pre Treatment of new smear positive Tuberculosis in lower north of Thailand**
Niramom Pimnumyen (The Office of Disease Prevetion and Control region 2 Phitsanulok, Thailand)
- P1-73 Statin initiation and survival among cancer patients**
Louise Emilsson (Departemnt of Epidemiology, Harvard School of Public Health, USA / Institutet of health and society, Oslo University, Norway / Vardcentralen Varmlands Nysater, Varmland county, Sweden)
- P1-74 Quality of life assessment among Portuguese schoolteachers**
Carlos Pereira (CI&DETS, Polytechnic Institute of Viseu, Viseu, Portugal)
- P1-75 Internet addiction is positively related with Insomnia on school personnel survey**
Hideki Tsumura (Department of Environmental Medicine and Public Health, Faculty of Medicine, Shimane University, Shimane, Japan)
- P1-76 Social support as a moderator of depressive symptoms after the 2011 Great East Japan Earthquake and Tsunami -The Iwanuma project, The JAGES prospective cohort study-**
Yuri Sasaki (Department of Social Preventive Medical Sciences, Center for Preventive Medical Sciences, Chiba University, Chiba, Japan)
- P1-77 Clinico-epidemiological factors determining the outcome of acute encephalitis syndrome cases in north Bihar, India**
CM SINGH (Department of Community Medicine, All India Institute of Medical Sciences, Patna, India)
- P1-78 Association of gratitude and sense of coherence in Japanese female students**
Tomoko Fujitani (Department of Health Education and Promotion, Graduate School of Human Development and Environment, Kobe University, Kobe, Japan)
- P1-79 Employment status in people living with HIV/AIDS in Japan**
Chihiro Wakabayashi (Division of Health Scieinces, Saitama Prefectural University, Koshigaya, Saitama, Japan)
- P1-80 Perception of married women of rural community related to marital and sexual relationship in Muzaffarpur district, Bihar, India**
Alok Ranjan (Department of Community Medicine, All India Institute of Medical Sciences, Patna, India)
- P1-81 Current treatment and medical costs of Ulcerative Colitis in Japan**
Akihito Uda (HEOR team in Medical Affairs, Takeda Pharmaceutical Company Limited, Tokyo, Japan)

- P1-82 Association between eating behavior and perceived stress in Japanese university students**
Kumiko Ohara (Department of Health Education and Promotion, Graduate School of Human Development and Environment, Kobe University, Kobe, Japan)
- P1-83 Attitudes towards causative role of smoking in lung cancer among physicians in Estonia, 1982-2014**
Kersti Paerna (Institute of Family Medicine and Public Health, University of Tartu, Estonia)
- P1-84 Repeatedly measured predictors: a comparison of methods for prediction modeling**
Marieke Welten (Department of Epidemiology and Biostatistics, Amsterdam Public Health Research Institute, VU University Medical Center, Amsterdam, The Netherlands)
- P1-85 Elucidation of social factors related to mortality in community-dwelling older people in Japan:10-year follow-up study of participants in the JAGES project**
Eisaku Okada (Department of Community Health and Preventive Medicine, Hamamatsu University School of Medicine, Hamamatsu, Shizuoka, Japan)
- P1-86 Educational differences in leisure-time physical activity in Finland. A 12 year follow-up study**
Ossi Rahkonen (Department of Public Health, University of Helsinki, Finland)
- P1-87 Occupational class trajectories in physical health functioning among ageing employees from Finland: Widening or narrowing?**
Eero Lahelma (Department of Public Health, University of Helsinki, Finland)
- P1-88 The relationship between psychology, socioeconomics, and social networks and starting to drink among evacuees after the Great East Japan earthquake and nuclear disaster**
Masatsugu Orui (Department of Public health, Fukushima Medical University School of medicine, Fukushima, Japan)
- P1-89 Re-employment, job quality, health and allostatic load biomarkers: Prospective evidence from the UK Household Longitudinal Study**
Tarani Chandola (CMIST and Social Statistics, University of Manchester, UK)
- P1-90 Prognostic factors for death from visceral leishmaniasis in severe patients treated with liposomal amphotericin B in the state of Minas Gerais, Brazil**
Mariangela Carneiro (Department of Parasitology, Federal University of Minas Gerais, Brazil / Secretariat of Health Surveillance, State Secretariat of Health of Minas Gerais, Brazil)
- P1-91 Development of a model to predict imported cases of dengue in the Republic of Korea based on oceanic sea surface temperature**
Jong-Hun Kim (Department of Social and Preventive Medicine, Sungkyunkwan University School of Medicine, Suwon, Republic of Korea)
- P1-92 Does the quality of social relationships buffer the association of social disadvantage with allostatic load? An analysis of adults from the UK Household Longitudinal Study**
Patrick Rouxel (CLOSER - Institute of Education Social Science, University College London, UK)
- P1-93 Developing a comprehensive profile using sensitive data, to inform policy & ongoing research: A profile of people living with HIV in Newfoundland and Labrador, Canada**
Shabnam Asghari (Primary Healthcare Research Unit, Memorial University, Canada)
- P1-94 Trends of leprosy in Brazil, 2008-2015**
Margarida Cristiana Napoleao Rocha (Postgraduate Program in Collective Health, Faculty of Health Sciences, University of Brasilia, Brasilia, DF, Brazil / General Coordination of Leprosy and Illness in Disposal - CGHDE, Secretariat of Health Surveillance - SVS, Ministry of Health - MS, Brasilia, DF, Brazil)
- P1-95 Dynamics of recent cholera epidemics in Haiti**
Yu-Han Kao (Department of Epidemiology, University of Michigan, USA)

- P1-96 Temporal relationship between of antibiotic prescribing and respiratory virus activities in Republic of Korea, 2010-2015**
Sukhyun Ryu (Department of Epidemiology and Medical Informatics, School of Public Health, Korea University, Seoul, Republic of Korea / Department of Infectious Disease Control, Gyeonggi Provincial Government, Suwon, Republic of Korea)
- P1-97 Descriptive epidemiology of multimorbidity in New Zealand**
James Stanley (Department of Public Health, University of Otago, Wellington, New Zealand)
- P1-98 Associations between body weight gain from 20 years old and family factors: the Shizuoka-Sakuragaoka J-MICC Study**
Wakako Suzuki (School of Nursing, University of Shizuoka, Shizuoka, Japan / Graduate School of Integrated Pharmaceutical and Nutritional Sciences, University of Shizuoka)
- P1-99 A prospective cohort study of hobbies associated with less incidence of functional disability: The Japan Gerontological Evaluation Study**
Mayuka Moroishi (Department of Public Health, Hokkaido University Graduate School of Medicine, Sapporo, Hokkaido, Japan)
- P1-100 Risk factors for depression with suicidal ideation among middle-aged primary care patients in Japan**
Megumi Fujieda (Department of Neuropsychiatry, Kurume University School of Medicine, Kurume, Fukuoka, Japan / Department of Environmental Medicine, Kurume University School of Medicine)
- P1-101 CHANGE BEHAVIOUR AND SOCIAL IMPACT IN ADOLESCENTS FOR USING E-CIGARETTE**
Novia Dewi Putri Ayuningtyas (Division of Public Health, Airlangga University, Surabaya, Indonesia)
- P1-102 A more systematic approach to interpreting infectious disease surveillance data in Japan**
Yuzo Arima (Infectious Disease Surveillance Center, National Institute of Infectious Diseases, Tokyo, Japan)
- P1-103 Prevalence and transmission of Staphylococcus aureus and methicillin-resistant strains (MRSA) among mothers and newborn babies in Melbourne, Australia**
Catherine Marie Bennett (Centre for Population Health Research, Deakin University, Australia)
- P1-104 Social capital and health among civil servants in Japan**
Chiyo Murata (Center for Gerontology and Social Science, National Center for Geriatrics and Gerontology, Obu, Aichi, Japan)
- P1-105 Domestic violence, parental addiction, and the risk of smartphone overuse in South Korea adolescents**
Hye-Jin Kim (Division of Public health, School of Public Health, Seoul National University, Seoul, Republic of Korea)
- P1-106 Risk of seasonal influenza by occupation in a railway company in an urban area, Japan, 2012/13, 2013/14 and 2014/15 influenza seasons**
Munehisa Fukusumi (Infectious Disease Surveillance Center, National Institute of Infectious Diseases, Tokyo, Japan)
- P1-107 Prevalence of Hypertension among Female Migrants by Duration of Residence in United Arab Emirates: a Cross Sectional Study**
Shunichi Fukuyama (Department of Global Health, Medicine, and Welfare, Atomic Bomb disease Institute, Nagasaki University, Nagasaki, Japan)
- P1-108 The Association between social factor, lifestyle and subclinical depression status examined by Kessler 6 among Japanese representative population: NIPPON DATA2010**
Harumitsu Suzuki (Center for Epidemiologic Research in Asia, Shiga University of Medical Science, Otsu, Shiga, Japan)
- P1-109 Health related quality of life of mothers of children suffering from cancer: the role of social support and social capital**
Christiana Antoniou Nicolaou (Department of Nursing, School of Health Sciences, Cyprus University of Technology, Limassol, Cyprus)

- P1-110 Cost-benefit analysis of a projected national Human Papilloma Virus vaccination program in Lebanon**
Ghinwa El Hayek (Department of Epidemiology and Population Health, Faculty of Health Sciences, American University of Beirut (AUB), Beirut, Lebanon)
- P1-111 Self-perceived health status in Spain: how can it be summarised?**
Monica Perez-Rios (Division of Public Health, Epidemiology unit. galician directorate for Public Health, Spain / Preventive medicine and public health department, School of Medicine, University of Santiago de Compostela)
- P1-112 Profile of tuberculosis deaths in Brazil, 2015**
Andrea de Paula Lobo (National Tuberculosis Control Programme, Postgraduation in Public Health, Brasilia University, Brazil)
- P1-113 Pilot data of nationwide prevalence of papillomavirus in Brazil: POP-Brazil Study**
Eliana Marcia Wendland (Moinhos de Vento Hospital, Porto Alegre, Brazil / Federal University of Health Science of Porto Alegre, Brazil)
- P1-114 Homicide Rate against Women in South Korea from 2000 to 2014**
Yu-Mi Kim (Department of Preventive Medicine, Dong-A University College of Medicine, Busan, Republic of Korea)
- P1-115 Adverse mental health outcomes in women who had breast cancer: systematic review**
Helena Carreira (Department of Non-communicable Diseases Epidemiology, London School of Hygiene & Tropical Medicine, UK)
- P1-116 Epidemiology of Non-Small Cell Lung Cancer in the Asia Pacific Region**
Nicole Zhang (Epidemiology, Decision Resources Group, USA)
- P1-117 The effect of having primary care physicians for maintaining activities of daily living: JAGES longitudinal study**
Maho Haseda (Department of Health and Social Behavior, Department of Health Education and Health Sociology, The University of Tokyo, Tokyo, Japan)
- P1-118 EPIDEMIOLOGICAL PROFILE OF SYPHILIS IN PREGNANT WOMEN IN SALVADOR/BAHIA, BRAZIL: A PUBLIC HEALTH PROBLEM**
Juan Ignacio Calcagno (Center of Epidemiological Hospital, Brazil)
- P1-119 Chlamydia infection and the risk of spontaneous preterm birth**
Bette Liu (School of Public Health and Community Medicine, University of New South Wales, Sydney, Australia)
- P1-120 Do antidepressant agents influence the course of disease among patients with inflammatory bowel disease? - a Danish nationwide prospective cohort study**
Marie Skov Kristensen (National Institute of Public Health, University of Southern Denmark, Copenhagen, Denmark)
- P1-121 Hotspots of dementia in Australian communities: an approach to inform policy and practice**
Nasser Bagheri (Department of health Services and Policy, The Australian National University, Acton, Australia)
- P1-122 The development of the stochastic model for vivax malaria occurrence based on the climate factor in the Republic of Korea**
Eun-Hye Kim (Department of Social and Preventive Medicine, Sungkyunkwan University School of Medicine, Suwon, Republic of Korea)
- P1-123 Risk factors for the onset of long-term care need in community-dwelling older people in Japan: 10year follow-up study of participants in the JAGES project**
Yuko Araki (Department of Informatics, Shizuoka University, Hamamatsu, Shizuoka, Japan)
- P1-124 METHAMPHETAMINE USE PRIOR TO SEX AND THE RISK FACTORS ASSOCIATED WITH HIV PREVALENCE AMONG MEN WHO HAVE SEX WITH MEN (MSM) IN THAILAND**
Phunlerd Piyaraj (Department of Parasitology, Phramongkutklao College of Medicine, Bangkok, Thailand / Bangkok Health Research Center, Bangkok Hospital Group, Bangkok Dusit Medical Services (BDMS))

- P1-125 Socioeconomic Status and its association with incidence of dementia among older Japanese men and women: JAGES study**
Kokoro Shirai (Department of Human Sciences, University of the Ryukyus, Okinawa, Japan / T.H.Chan.School of Public Health)
- P1-126 Relationship of socio-demographic factors with pain impact and disability in adolescents**
Flavia P Kapos (Department of Epidemiology, School of Public Health, University of Washington, USA / Department of Oral Health Sciences, School of Dentistry, University of Washington)
- P1-127 Breakthrough on Data Collection during Acute Phase of Disaster**
Tatsuhiko Kubo (Department of Public Health, University of Occupational and Environmental Health, Kitakyushu, Japan)
- P1-128 The effect of expressive disclosure writing on self-stigma, depression, and anxiety among substance dependent clients in a governmental hospital in Egypt**
Amira Mohammed Ali (Psychiatric and Mental Health Nursing, Alexandria University, Alexandria, Egypt / University of Tokyo, Japan)
- P1-129 Relations of population density with smoking experience in junior high students and familial smoking in an urban area**
Daisuke Matsui (Department of Epidemiology for Community Health and Medicine, Kyoto Prefectural University of Medicine, Graduate School of Medical Science, Kyoto, Japan)
- P1-130 Optimal control and parameter estimation in some epidemiological models**
Aziz Belmiloudi (Mathematics research institute of Rennes (IRMAR-CNRS) , France)
- P1-131 Association of social support and metabolic syndrome among secondary school teachers in Malacca, Malaysia**
Foong Ming Moy (Department of Social & Preventive Medicine, Faculty of Medicine, University of Malaya, Malaysia)
- P1-132 A cluster randomized study to reduce physical violence (hitting) experienced and perpetrated by high school students in KwaZulu-Natal, South Africa**
Myra Taylor (Discipline of Public Health Medicine, University of KwaZulu-Natal, Durban, South Africa)
- P1-133 Social Participation and Hobbies Reduce the Risk of Being Underweight in Older Japanese: The JAGES Longitudinal Study**
Tomomi Nagahata (Department of Nutrition, School of Health and Nutrition, Tokaigakuen University, Nagoya, Japan)
- P1-134 Continuous website update of medical content increases new patient numbers using a social marketing method**
Teruhide Koyama (Department of Epidemiology for Community Health and Medicine, Kyoto Prefectural University of Medicine, Kyoto, Japan)
- P1-135 Twelve-month use of complementary health approaches among psychiatric outpatients in Japan**
Mai Iwanaga (Department of Psychiatric Nursing, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan)
- P1-136 Adjusting for baseline values of a continuous outcome variable in cluster-randomized trials: a simulation study from Brazil**
Rosely Sichieri (Epidemiology, State University of Rio de Janeiro, Brazil)
- P1-137 The dark side of social capital: a systematic review of the negative health effects of social capital**
Ester Villalonga Olives (Social and Behavioral Sciences, Harvard T.H. Chan School of Public Health, USA)
- P1-138 Does the effect of social participation on psychological distress differ by living arrangement, living alone or with others? a cohort study of Japanese older adults**
Shiho Amagasa (Department of Preventive Medicine and Public Health, Tokyo Medical University, Tokyo, Japan)
- P1-139 Infection dynamics of *Opisthorchis viverrini* infection: two-part model approach and age-prevalence-intensity relationship**
Picha Suwannhitatorn (Department of Parasitology, Phramongkutklao College of Medicine, Thailand)

- P1-140 Prevalence and associated factors of alcohol drinking among adolescents aged 12-24 years old in rural community-Thailand, 2016**
Peerapong Sumkong (Medical student cadet affairs, Phramongkutkloa College of Medicine, Bangkok, Thailand)
- P1-141 Repeat abortion among young unmarried women in 30 Chinese provinces in 2013: a cross-sectional survey**
Jialin Xu (Chengde Nursing Vocational College, Chengde, China)
- P1-142 The effect of climate factors and air pollution on emergency room visits for acute upper respiratory infections**
Jinyoung Jang (Epidemiology and Medical Informatics, Division of Public Health, Korea University, Seoul, Republic of Korea)
- P1-143 Prevalence of blood borne infections and factors associated with percutaneous injuries among hospital staff in West Pomerania, Poland**
Maria Ganczak (Department of Epidemiology and Management, Pomeranian Medical University, Szczecin, Poland)
- P1-144 The relationship between obesity and viral influenza A/B infection: a hospital-based case control study in Thailand**
Pakwimon Subhaluksuksakorn (Department of Family and Community Medicine, Institute of Medicine, Suranaree University of Technology, Thailand)
- P1-145 What is the impact of measuring bias on the design of complex survey? Portuguese cross-sectional study**
Milton Severo (Department of Clinical Epidemiology, Predictive Medicine & Public Health, University of Porto Medical School, Portugal / Institute of Public Health University of Porto)
- P1-146 Assessment of comparison of health checkup results between National Database and commercial database in Japan**
Rie Nishikino (Data Solution Division, Japan Medical Data Center Co.,Ltd., Tokyo, Japan)
- P1-147 School Closure for Pandemic Influenza: When and how long school closure should be implemented for effective mitigation**
Wonju Cho (Department of Preventive Medicine, Korea University College of Medicine, Seoul, Republic of Korea / Graduate school of public health, Korea university)
- P1-148 Causation: rethinking the role of analogy**
Douglas L Weed (Division of Public Health, University of Utah, Salt Lake City, USA)
- P1-149 Temporal pattern of acute respiratory infection related productivity loss impact among health care workers over the course of seasonal influenza epidemics in Hong Kong**
Dennis KM Ip (School of Public Health, University of Hong Kong, Hong Kong SAR)
- P1-150 Educational inequality in the age at smoking initiation between China, South Korea and Japan**
Kanade Ito (Division of Oral Health Sciences, Department of Health Sciences, School of Health and Social Services, Saitama Prefectural University, Koshigaya, Saitama, Japan)
- P1-151 Determinants of dosage active ingredient in space spray application of pesticides for vector control**
Carlos Campelo Melo (Public health, University Brasilia, Brazil)
- P1-152 Difference between home and office blood pressure measurements, and determinants for the difference in a randomly selected Japanese male population**
Sayaka Kadowaki (Department of Public Health, Shiga University of Medical Science, Otsu, Shiga, Japan)
- P1-153 The association between the ratio of monocytes to lymphocytes and incidence of tuberculosis among antiretroviral treatment-naive HIV-infected adults in Lampang, northern Thailand**
Naho Tsuchiya (Department of Preventive Medicine and Epidemiology, Tohoku Medical Megabank Organization, Tohoku University, Sendai, Miyagi, Japan)
- P1-154 Diversity of neighborhood retail food stores affects mortality from acute myocardial infarction**
Masashi Kizuki (Department of Global Health Promotion, Tokyo Medical and Dental University, Tokyo, Japan)

- P1-155 Physical, psychological and sexual abuse in high school dating adolescents in Peru: Prevalence and main correlates**
Eric Ricardo Pena-Sanchez (Direction of Epidemiological Research, Lambayeque Regional Hospital, Peru / Social Responsibility Unit at "Santo Toribio de Mogrovejo" University)
- P1-156 Associations between spousal education and health-related behaviors among men and women in Japan**
Keiko Murakami (Department of Hygiene and Public Health, Teikyo University School of Medicine, Tokyo, Japan / Department of Health and Social Behavior, School of Public Health, The University of Tokyo)
- P1-157 Monocyte/Lymphocyte Ratio predict the risk of Tuberculosis among HIV-infected population in Mae Chan, Thailand**
Reiko Miyahara (Department of Clinical Medicine, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan / Fukujuji Hospital, Japan Anti-tuberculosis Association, Japan)
- P1-158 What think hospital pharmacists about antibiotics. A study from Portugal**
Maria Teresa Herdeiro (Department of Medical Sciences & Institute of Biomedicine - iBiMED, Aveiro University Department of Medical Sciences, Portugal / CESPU, IINFACTS, Instituto de Investigacao e Formacao Avancada em Ciencias e Tecnologias da Saude, Gandra, Portugal)
- P1-159 Early life event trajectories and early adult health: Evidence from the British Household Panel Survey and the UK Household Panel Study**
Cara L Booker (Institute for Social and Economic Research, University of Essex, UK)
- P1-160 Drug use in the streets of Porto, Portugal: population size estimates using capture-recapture method under a participatory research**
Paula Meireles (Epidemiology Research Unit (EPIUnit), Instituto de Saude Publica, Universidade do Porto, Portugal)
- P1-161 The incidence and risk factors of *Opisthorchis viverrini* infection in rural communities, Thailand**
Pichaya Suwan (Phrmongkutklao College of Medicine, Bangkok, Thailand)
- P1-162 Fixed effects analysis of neighborhood collective efficacy and children's development**
Kayoko Ichikawa (Division of Social Welfare , Ministry of Health, Labour and Welfare, Tokyo, Japan)
- P1-163 The signs and symptoms of the psychosis prodrome: nested case-control study using primary-care data**
Sarah A Sullivan (School of Social and Community Medicine, University of Bristol, UK)
- P1-164 Consequences of stressful life events during pregnancy: a Generation XXI cohort study**
Silvia Fraga (Epidemiology Research Unit (EPIUnit), Instituto de Saude Publica, Universidade do Porto, Porto, Portugal)
- P1-165 gamma-RUV: a robust method to removing unwanted variation**
Hung Hung (Institute of Epidemiology and Preventive Medicine, National Taiwan University, Taipei, Taiwan)
- P1-166 Hypertensive Disorders of Pregnancy and Offspring Mental and Behavioural Problems: Systematic Review and Meta-Analysis**
Berihun Assefa Dachew (Epidemiology, The University of Queensland, School of Public Health, Herston, Australia / Department of Epidemiology and Biostatistics, Institute of Public Health, University of Gondar, Ethiopia)
- P1-167 Healthcare Professionals and Needle-stick injuries: a culture of silence**
Ashok Kumar (Department of Hospital Administration, PGIMER, Chandigarh, India)
- P1-168 PLETOK BEER, INDONESIAN TRADITIONAL DRINK, AS A SAKE SUBSTITUTION**
Sitti Rochmayati (Division of Public Health, Airlangga University, Surabaya, Indonesia)
- P1-170 Prevalencia de IAAS y factores asociados en el HGZ 30 Iztacalco**
Marco Antonio Garcia Casasola (Epidemiologia, Hospital General de Zona No. 30, Mexico)
- P1-171 OPTIMAL WAIST CIRCUMFERENCE CUT-OFF POINTS FOR PREDICTING METABOLIC SYNDROME AMONG LOW-INCOME BLACK SOUTH AFRICAN ADULTS**
Daniel Ter Goon (Department of Nursing Science, Faculty of Health Sciences, University of Fort Hare, East London, South Africa)

- P1-172 Design and validation of a new multivariate and focused index for Measuring Inequities In Health based on the concentration index**
Martha Lucia Rodriguez (Clinical Research Institute, National University of Colombia, Colombia)
- P1-173 Analysis of microbiome in a murine colonization model of *Klebsiella pneumoniae* causing emerging endemic disease in Taiwan**
Yi-Jiun Pan (School of Medicine, China Medical University, Taichung, Taiwan)
- P1-174 Diagnostic performance of clinical symptoms and rapid test for influenza in primary care**
Yat-hung Tam (WHO Collaborating Centre for Infectious Disease Epidemiology and Control, School of Public Health, Li Ka Shing Faculty of Medicine, University of Hong Kong, Hong Kong SAR)
- P1-175 Association Between Habitual Bedtime, Bedtime Determinants and Health Status in Adolescents**
Megumi Sakurai (Division of Health Education, Tokyo University, Tokyo, Japan)
- P1-176 Genetic epidemiological analysis revealed intestinal urate excretion via ABCG2 in human: serum uric acid is a useful marker for impairment of intestinal epithelium**
Airi Akashi (Department of Integrative Physiology and Bio-Nano Medicine, National Defense Medical College, National Defense Medical College, Tokorozawa, Saitama, Japan)
- P1-177 Rs671, a common variant of ALDH2, could play a protective role in the onset of gout**
Mako Komatsu (Department of Integrative Physiology and Bio-Nano Medicine, National Defense Medical College, Tokorozawa, Saitama, Japan)
- P1-178 Molecular epidemiology of hepatitis A in Russia: 10-year study results**
Nikolay Pimenov (Reference Center for Viral Hepatitis, Central Research Institute of Epidemiology, Russia)
- P1-179 The epidemiological evolution of AIDS in Brazil, 10 year analysis**
Evaldo Lima da Costa (Woman Helth, University UniCEUB, Brazil)
- P1-180 Modern contraceptive use according to marital status in low- and middle-income countries**
Franciele Hellwig (International Center for Equity in Health, Federal University of Pelotas, Brazil / Postgraduate Program in Epidemiology / Federal University of Pelotas)
- P1-181 Association of Psychiatric Morbidity by Johns Hopkins Aggregated Diagnosis Group with Chronic Medical Disorders in a Population Based Dataset from Ontario, Canada**
Simon J C Davies (Geriatric Psychiatry, Centre for Addiction and Mental Health, Toronto, Canada / Department of Psychiatry, University of Toronto, Canada)
- P1-182 Epidemiological analysis of Syphilis in Brazil regions in the last 10 years**
Victor Santos Araujo (Woman Health, University UniCEUB, Brazil)
- P1-183 Prevalence of obesity by marital status in Health Examinees (HEXA) Study**
Jeeyoo Lee (Department of Preventive Medicine, Seoul National University College of Medicine, Seoul, Republic of Korea)
- P1-184 Advanced paternal age and early onset of schizophrenia: is selection into late fatherhood a confounder?**
Shi-Heng Wang (Graduate Institute of Biostatistics, China Medical University, Taichung, Taiwan)
- P1-185 Socioeconomic inequalities in mortality from external causes in South Korea from 1983 to 2015**
Jinwook Bahk (Department of Public Health, Keimyung University, Daegu, Republic of Korea)
- P1-186 Impact of loss of to follow up on estimation of neurodevelopmental delays at 2 years in a very preterm birth cohort**
Aurélie Piedvache (Obstetrical, Perinatal and Pediatric Epidemiology Research Team at the National Institute for Health and Medical Research, France)
- P1-187 Socioeconomics and cardiovascular diseases: a transfer function analysis**
Chih-Ming Lin (Department of Healthcare Information and Management, Ming Chuan University, Gwei-Shan, Taiwan)

- P1-188 Possibility of confirmation of actual existence of Algebra space**
Toshiko Sawaguchi (Showa University School of Medicine, Tokyo, Japan)
- P1-189 Interdisciplinary Possibility in Medical & Health Science and Role of Epidemiologists**
Akiko Sawaguchi (Tokyo University School of Social Welfare, Japan)
- P1-190 Factors associated due work-related accidents in Brazilian workers: data from the National Health Survey, 2013**
Barbara Niegia Garcia de Goulart (PPG em Epidemiologia , Universidade Federal do Rio Grande do Sul, Brazil)
- P1-191 First ever situation assessment of condom programming in Sri Lanka**
Janaki Vidanapathirana (National STD / AIDS Control programme, Ministry of Health, Colombo, Sri Lanka)
- P1-192 Estimation of the transmissibility and severity of Ebola virus disease under time dependent bias**
Yusuke Asai (Department of Hygiene, Graduate School of Medicine, Hokkaido University, Sapporo, Hokkaido, Japan)

Monday, August 21, 2017

Room A

8:30-11:00

Symposium 16

The first Japan-Korea-Taiwan Joint Epidemiology Seminar Session, co-hosted by the Japan Epidemiological Association (JEA), the Korean Society of Epidemiology (KSE), and the Taiwan Epidemiology Association (TEA)

Health-related database: utilization for epidemiological research

Moderators: Manami Inoue (Chair, International Exchange Committee, Japan Epidemiological Association / Center for Public Health Sciences, National Cancer Center, Japan)

Byung Chul Chun (The Chair of International Affairs Committee, Korean Society of Epidemiology / Professor, Department of Preventive Medicine, Korea University Medical College, Republic of Korea)

Chen-Yang Shen (President, Taiwan Epidemiology Association / Institute of Biomedical Sciences, Academia Sinica, Taiwan)

S16-1 National health insurance databases in Japan

Hideo Yasunaga (Department of Clinical Epidemiology and Health Economics, School of Public Health, The University of Tokyo, Japan)

S16-2 The Scope and Contents of Korean National Health Insurance Data for Health Research

Jong Heon Park (Big Data Operation Center, National Health Insurance Service, Korea)

S16-3 Experiences for Big Data Analysis of Taiwan National Health Insurance Research Database and Future Perspectives

Pau-Chung Chen (Professor and Director, Institute of Occupational and Industrial Hygiene, National Taiwan University, Taiwan)

S16-4 Big data research in preventing digestive cancers

Chun-Ying Wu (Visiting Staff, Taichung Veterans General Hospital, Taiwan)

S16-5 Epidemiologic Studies of Cardiovascular Disease using National Health Insurance Database

Hyeon Chang Kim (Department of Preventive Medicine, Yonsei University College of Medicine, Korea)

S16-6 Monitoring health inequalities using government statistics in Japan: The current status and future challenge

Yuri Ito (Cancer Control Center, Osaka International Cancer Institute, Osaka, Japan)

Room A

11:00-12:00

Oral 18

Health effects of natural disasters

Moderator: Takeo Fujiwara (Department of Global Health Promotion, Tokyo Medical and Dental University, Tokyo, Japan)

O18-1 Mental health problems in the aftermath of the Nepal earthquakes: Findings from a representative cluster sample survey

Nagendra Prasad Luitel (Research Department, Transcultural Psychosocial Organization (TPO) Nepal, Kathmandu, Nepal)

O18-2 Suicide risk among young children after the Great East Japan Earthquake: A follow-up study

Takeo Fujiwara (Department of Global Health Promotion, Tokyo Medical and Dental University, Tokyo, Japan)

O18-3 The Assessment of Earthquake and Tsunami Awareness to Disaster Preparedness Three Years after the September 2009 Sumatra Earthquake in the City of Padang, Indonesia

Defriman Djafri (Department of Epidemiology & Biostatistics, Faculty of Public Health, Andalas University, Indonesia)

O18-4 Does living in an area damaged by earthquakes increase cardiovascular disease risk five years on? cohort linkage study

Andrea M. Teng (Department of Public Health, University of Otago, Wellington, New Zealand)

Room A

13:30-15:30

Symposium 17

Epidemiology and prevention for cardiovascular and renal diseases: Differences and similarities of risk factors and prevention strategies between Eastern and Western countries

Moderators: Hiroyasu Iso (Professor of Public Health, Department of Social Medicine, Osaka University Graduate School of Medicine, Osaka, Japan)

Shigeyuki Saitoh (Sapporo Medical University School of Health Sciences Medical Sciences, Sapporo, Japan)

S17-1 Epidemiology for cardiovascular risk factors: Tanno-Sobetsu Study in Japan

Hirofumi Ohnishi (Department of Public Health, Sapporo Medical University School of Medical Sciences, Sapporo, Japan)

S17-2 Epidemiological burden of metabolic disorders in a Japanese community: the Hisayama Study

Toshiharu Ninomiya (Department of Epidemiology and Public Health, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan)

S17-3 Epidemiology and prevention of cardiovascular disease: Experiences from CIRCS, JPHC and JACC studies

Kazumasa Yamagishi (Department of Public Health Medicine, University of Tsukuba Faculty of Medicine, Tsukuba, Japan)

S17-4 Community-based intervention programs for blood pressure control in China

Tao Wu (Department of Epidemiology and Biostatistics, Peking University School of Public Health, Beijing, China)

S17-5 The trends in cardiovascular risk factors in Korea, and the differences in cardiovascular risk factors between Asian and Caucasian people

Hyeon Chang Kim (Department of Preventive Medicine, Director, Center for Precision Medicine & Data Science, Director, Cardiovascular and Metabolic Diseases Etiology Research Center, Yonsei University College of Medicine, Seoul, Korea)

Room A

15:30-16:30

Travel Award Session 2

Moderator: Shizukiyo Ishikawa (Medical Education Center, Jichi Medical University, Japan)

TA2-1 Determinants of total fertility rate among districts of Empowered Action Group States of India: Evidence from Annual Health Survey 2012

Vishal Dogra (Max Institute of Healthcare Management, Indian School of Business, India)

TA2-2 Meta-analysis of over-nutrition among school children in India

Pratap Kumar Jena (School of Public Health, KIIT University, India / Premier Research Group, India / Health Systems Research India Initiative, India / Nitte Univeristy, India)

TA2-3 Vector control actions use among Pakistanis: Findings from nationally representative recent most demographic survey

Saba Mughal (School of Public Health, Dow University of Health Sciences, Karachi, Pakistan)

TA2-4 Migration and Urbanisation Effects on Rates of Overweight, Diabetes and Hypertension in Malawi – a sibling migrant study

Felix Patience Chilunga (Malawi Epidemiology and Intervention Research Unit (MEIRU), formerly Karonga Prevention Study, P.O Box 148, Lilongwe, Malawi)

Room A

16:30-18:30

Regional Meeting: Western Pacific

Moderator: TBD

Room B

8:30-10:00

Symposium 18**Measurement, evaluation and disease control with longitudinal data analysis**

Moderator: Yukiko Wagatsuma (Department of Clinical Trial and Clinical Epidemiology, Faculty of Medicine, University of Tsukuba, Tsukuba, Japan)

S18-1 Development of cardiovascular risk factors: a group-based trajectory modelling approach

Abdullah Al Mamun (Biostatistics & Epidemiology, School of Public Health, Faculty of Medicine, The University of Queensland, Brisbane, Australia)

S18-2 Trends of Years of Life Lost (YLLs) due to leading chronic diseases in Japan, 1950 - 2014

Enbo Ma (Department of Clinical Trial and Clinical Epidemiology, Faculty of Medicine, University of Tsukuba, Tsukuba, Japan)

S18-3 Modelling the spatiotemporal distribution of zoonotic diseases in China: a spatial modelling pipeline to optimize outbreak response and targeted surveillance

Ricardo J. Soares Magalhaes (UQ School of Veterinary Science, University of Queensland, Gatton, QLD, Australia / UQ Child Health Research Centre, University of Queensland, South Brisbane, QLD, Australia)

Room B

10:00-12:00

Symposium 19**Causal inferences using natural experimental studies to face current public health challenges**

Moderator: Naoki Kondo (School of Public Health, The University of Tokyo, Japan)

S19-1 Using disaster as an external shock: Pre-disaster social capital and resilience among the victims of the 2011 Great East Japan Earthquake

Jun Aida (Department of International and Community Oral Health, Tohoku University Graduate School of Dentistry, Sendai, Japan)

S19-2 Evaluation of a community intervention program promoting social interactions among older residents to prevent functional disability: Findings from propensity score matching and instrumental variable analyses

Hiroyuki Hikichi (Department of Social and Behavioral Sciences, Harvard T.H.CHAN School of Public Health, USA)

S19-3 Effectiveness of supporting municipality staff for data-oriented cross-sectoral collaborations on their job performances: a cluster quasi-experimental study

Maho Haseda (Graduate School of Medicine, The University of Tokyo, Tokyo, Japan)

S19-4 Difference-in-Differences Studies in Health Economics: Possibilities and Pitfalls

Sayaka Nakamura (School of Economics, Nagoya University, Nagoya, Japan)

Room B

12:10-13:10

Lunch Time Seminar 5

Sponsored by Bristol-Myers Squibb K.K. / Pfizer Japan Inc.

Practical Application of Real-World Data for Cardiovascular Disease

Moderator: Hiroyasu Iso (Professor of Public Health, Department of Social Medicine, Graduate School of Medicine, Osaka University)

Shun Kohsaka (Assistant Professor of Department of Cardiology, Keio University School of Medicine)

Room B

13:30-15:30

Symposium 20**Epidemiologic evaluation of influenza: disease burden, risk factors and vaccine effectiveness**

Moderators: Wakaba Fukushima (Department of Public Health, Osaka City University Faculty of Medicine, Osaka, Japan)
Ta-Chien Chan (Research Center for Humanities and Social Sciences, Academia Sinica, Taiwan)

S20-1 Disease entity and vaccine effectiveness of influenza: an epidemiologic perspective

Yoshio Hirota (College of Healthcare Management, Miyama, Japan / Clinical Epidemiology Research Center, Medical Co. LTA (SOUSEIKAI), Fukuoka, Japan)

S20-2 The risk of influenza transmission through social networks, personal health behaviors and environmental factors - a participatory cohort study in Taiwan

Ta-Chien Chan (Research Center for Humanities and Social Sciences, Academia Sinica, Taiwan)

S20-3 Influenza disease burden among Japanese pregnant women: a self-control method

Satoko Ohfuji (Department of Public Health, Osaka City University Graduate School of Medicine, Osaka, Japan)

S20-4 Influenza vaccine effectiveness among elderly adults in Japan: a population-based cohort study

Megumi Hara (Department of Preventive Medicine, Faculty of Medicine, Saga University, Saga, Japan)

S20-5 Incidence and risk factors of influenza-like illness in 3 communities in Korea: a prospective cohort study

Jin A Kim (Graduate School of Public Health, Korea University, Republic of Korea)

S20-6 Risk factors of acute respiratory infectious diseases among children: a hospital-based case-control study

Sangho Sohn (Department of Preventive Medicine, Korea University Medical College, Republic of Korea)

S20-7 Influenza vaccine effectiveness among Japanese young children: a test-negative design

Wakaba Fukushima (Department of Public Health, Osaka City University Faculty of Medicine, Osaka, Japan)

Room B

15:30-16:30

Oral 19**Genetic epidemiology**

Moderator: Lars Alfredsson (Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden / Centre for Occupational and Environmental Medicine, Stockholm County Council, Stockholm, Sweden)

O19-1 Investigating the combined effect of body mass index and alcohol consumption on liver disease biomarkers: a Mendelian randomization study of 91, 661 European adults

Alice Rose Carter (MRC Integrative Epidemiology Unit, School of Social and Community Medicine, University of Bristol, UK / School of Social and Community Medicine, University of Bristol, UK)

O19-2 A replicated, genome-wide significant variant for aortic stenosis: meta-analysis and UK cohort study

Benjamin J. Cairns (Cancer Epidemiology Unit, Nuffield Department of Population Health, University of Oxford, Oxford, UK / British Heart Foundation Centre of Research Excellence, University of Oxford, Oxford, United Kingdom)

O19-3 Gene-environment interactions indicate the involvement of lung in the etiology of multiple sclerosis. Evidence from Scandinavia and USA

Lars Alfredsson (Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden / Centre for Occupational and Environmental Medicine, Stockholm County Council, Stockholm, Sweden)

O19-4 Sex-specific genetic loci associated with body fat distribution among Chinese adults

Huilan Guo (Department of Nutrition and Food Hygiene, School of Public Health, Zhejiang University, Hangzhou, Zhejiang, China)

019-5 Cigarette smoking increases coffee consumption: findings from a Mendelian randomisation analysis

Amy Taylor (School of Experimental Psychology, University of Bristol, UK / MRC Integrative Epidemiology Unit, University of Bristol)

Room B

16:30-18:30

Regional Meeting: Europe

Moderator: Elisabete Weiderpass Vainio (Professor, Department of Medical Epidemiology and Biostatistics (MEB), Karolinska Institute, Sweden)

Presentations:

Henrique Barros - The Euro-peristat network

Jacqueline Muller-Nordhorn - Time trends in sudden infant death syndrome and unspecified causes of infant death in 53 countries from 1969 to 2012

Lau Caspar Thygesen - Vitamin D at birth and pediatric outcomes

IEA and the European Region:

- Elisabete Weiderpass Vainio, Councilor 2014-2017

- Patricia Kearney, Councilor 2017-2020 (video presentation)

- A representative of the European Early Career Epidemiologists.

Room C

8:30-10:00

Symposium 21**Nutritional Aspects of Epidemiology**

Moderators: Rachel Huxley (Professor, School of Public Health, Faculty of Health Sciences, Curtin University, Australia)
Yasuo Kagawa (Professor, Department of Medical Chemistry, Kagawa Nutrition University, Japan)

S21-1 Nutrigenomics of the impact of Westernization in Asia

Yasuo Kagawa (Professor, Department of Medical Chemistry, Faculty of Nutrition, Kagawa Nutrition University, Japan)

S21-2 The results of national intervention program to control metabolic syndrome; Specific Health Guidance

Kazuyo Tsushita (Director, Comprehensive Health Science Center, Aichi Health Promotion Public Interest Foundation, Japan)

S21-3 Social determinants of health from a nutrition perspective: Evidence on women's health

Fumi Hayashi (Associate Professor, Nutrition Ecology, Kagawa Nutrition University, Japan)

S21-4 The Role of Nutrition and Lifestyle-Related Risk Factors on the Burden of Cardiovascular Disease in Asia

Rachel Huxley (School of Public Health, Faculty of Health Sciences, Curtin University, Australia)

Room C

10:00-12:00

Symposium 22**Epidemiological modeling of infectious disease epidemics in Asia**

Moderators: Hiroshi Nishiura (Department of Hygiene, Hokkaido University Graduate School of Medicine, Sapporo, Japan)
Hisashi Inaba (Graduate School of Mathematical Sciences, The University of Tokyo, Tokyo, Japan)

S22-1 Early Sub-Exponential Epidemic Growth: Implications for Disease Forecasting and Estimation of the Reproduction Number

Gerardo Chowell (School of Public Health, Georgia State University, Atlanta, GA, USA)

S22-2 Predicting the global spread of emerging infectious diseases

Hiroshi Nishiura (Department of Hygiene, Hokkaido University Graduate School of Medicine, Sapporo, Japan)

S22-3 Mathematical modeling for integration of ecological, epidemiological and environmental data to inform infectious disease management

Jianhong Wu (School of Mathematics and Statistics, York University, Toronto, Canada)

S22-4 Mathematical Models of Emerging Infectious Diseases in the Republic of Korea

Eunok Jung (Department of Mathematics, Konkuk University, Seoul, Korea)

S22-5 Treatment - donation - stockpile dynamics in Ebola convalescent blood transfusion therapy

Xiaodan Sun (Department of Mathematics and Statistics, Xi'an Jiaotong University, Xi'an, China)

Room C

12:10-13:10

Lunch Time Seminar 6 Sponsored by Nippon Boehringer Ingelheim Co., Ltd. and Eli Lilly Japan K.K.

New Insights into Prevention and Treatment of Obesity, NAFLD and Diabetes

Moderator: Mieko Nakamura (Department of Community Health and Preventive Medicine Hamamatsu University School of Medicine)

Tsuguhito Ota (Brain / Liver Interface Medicine Research Center, Kanazawa University)

Room C

13:30-15:30

Symposium 23

Field epidemiological research in resource-limited settings: Challenges and opportunities

Moderators: Masahiko Hachiya (Bureau of International Health Cooperation, National Center for Global Health and Medicine, Japan)
Tetsuya Mizoue (Department of Epidemiology and Prevention, Center for Clinical Sciences, National Center for Global Health and Medicine, Japan)

S23-1 Field epidemiological research in resource-limited settings: An overview

Masahiko Hachiya (Bureau of International Health Cooperation, National Center for Global Health and Medicine, Japan)

S23-2 A cluster randomized interventional study in Sri Lanka

Tetsuya Mizoue (Department of Epidemiology and Prevention, Center for Clinical Sciences, National Center for Global Health and Medicine, Japan)

S23-3 A survey of hepatitis B prevalence in Lao PDR

Tomomi Kitamura (Bureau of International Health Cooperation, National Center for Global Health and Medicine, Japan)

S23-4 Malaria control project evaluation in Niger

Daisuke Nonaka (Department of Global Health, School of Health Sciences, University of Ryukyus, Japan)

S23-5 Field epidemiological research and its policy implications

Anonh Xeuatvongsa (National Immunization Program, Ministry of Health, Lao PDR)

Room C

15:30-16:30

Oral 20

Other topics 2

Moderator: Ijeoma U. Itanyi (Department of Community Medicine, University of Nigeria Teaching Hospital, Enugu, Nigeria)

O20-1 Geographical differences in cigarette smoking by secondary school students in Enugu State, southeast Nigeria using multilevel analysis

Ijeoma U. Itanyi (Department of Community Medicine, University of Nigeria Teaching Hospital, Enugu, Nigeria)

O20-2 Self-reported tuberculosis, sexually transmitted diseases and HIV prevalence rates among Peruvian inmates: results from the 2016 prison census

Carlos Culquichicon (Emerge, Emerging Diseases and Climate Change Research Unit, School of Public Health and Administration, Universidad Peruana Cayetano Heredia, Peru)

O20-3 National Estimates of Pediatric Emergency Department Visits Secondary to Foreign Body Ingestion and Aspiration USA 2015

Kenneth Soyemi (Department of Pediatrics, John H Stroger Jr Hospital of Cook County, Chicago, IL, USA)

O20-4 The implications of the the Brazilian National Programme for Improving Access and Quality of Primary Care

Anya PGF Vieira-Meyer (Public Health - Family Health, Fundação Oswaldo Cruz, Brazil / Unichristus)

Room C

16:30-18:30

Regional Meeting: North & Latin Americas**Moderators:** Karina Ribeiro (Council Representative for LAC)
Eduardo Franco (Council Representative from NA)

IEA members from the Americas are invited to attend a joint workshop to discuss professional and scientific issues of relevance to the practice of epidemiology and public health in these regions. Following up on the success of previous workshops, which focused on inequalities in health, we wish to address the issue of disparities in relation to training opportunities and vulnerability of our populations to public health threats. Consistent with this overarching goal, four themes were chosen by the Regional Councillors for WCE-2017 for a brainstorming session during the regional workshop: (i) Strengthening capacity in epidemiologic methods; (ii) Improving the quality of scientific publications; (iii) Training the next generation of cancer registry coordinators; and (iv) Countering the public health harms from anti-vaccine activism. Our goal at the end of the workshop is to have an assessment of the gaps in knowledge and possible directions to address the aforementioned topics.

Room D

8:30-10:00

Symposium 24**Obesity Prevention - Our mission to global change****Moderators:** Yoshihiro Miyamoto (Department of Preventive Medicine and Epidemiologic Informatics, National Cerebral and Cardiovascular Center, Suita, Osaka, Japan)

Nobuo Nishi (Center for International Collaboration and Partnership, National Institute of Health and Nutrition, National Institutes of Biomedical Innovation, Health and Nutrition, Tokyo, Japan)

S24-1 TBD

Yoko M. Nakao (Department of Preventive Medicine and Epidemiologic Informatics, National Cerebral and Cardiovascular Center, Suita, Osaka, Japan)

S24-2 TBD

Nobuo Nishi (Center for International Collaboration and Partnership, National Institute of Health and Nutrition, National Institutes of Biomedical Innovation, Health and Nutrition, Tokyo, Japan)

S24-3 TBD

Martin O'Flaherty (Department of Public Health and Policy, University of Liverpool, Liverpool, UK)

Room D

10:00-12:00

Symposium 25**Strategic Biobank and Collaboration Worldwide****Moderators:** Naoko Minegishi (Tohoku University, Sendai, Japan)
Shinichi Kuriyama (Tohoku University, Sendai, Japan)**S25-1 Becoming an established partner in successful networks for collaborative biobank and genetics research using Lifelines as an example**

Harold Snieder (Department of Epidemiology, University Medical Center Groningen, University of Groningen, Groningen, The Netherlands)

S25-2 Construction of Integrated Biobank: Tohoku Medical Megabank Project

Atsushi Hozawa (Department of Preventive Medicine and Epidemiology, Tohoku Medical Megabank Organization, Tohoku University)

S25-3 Genetic Epidemiological Studies of ToMMo Genomic Cohorts

Gen Tamiya (Disease Risk Prediction Laboratory, Tohoku university, Tohoku medical megabank organization, Sendai, Japan / Statistical Genetics Team, RIKEN Center for Advanced Intelligence Project, Tokyo, Japan)

Room D

13:30-15:30

Early Career Epidemiologists - current activity and future development

Moderators: Isao Oze (Division of Molecular and Clinical Epidemiology, Aichi Cancer Center Research Institute)

Ester Villalonga Olives (Abteilung Medizinische Psychologie und Medizinische Soziologie, Universitätsmedizin Göttingen)

Early Career Epidemiologists (ECE) play important roles for accumulation of evidence in epidemiology as well as the development of epidemiology. The Executive Council of the IEA has affirmed its support of an international ECE group within the IEA structure in 2011 for the purpose of facilitating communication, promoting development of epidemiological methods and setting up network to enhance scientific collaboration. On the other hand, there are local ECE groups in the regions and/or countries. However, the activities conducted by the ECE groups have not been sufficiently shared. There would be plenty of room for improvement and/or collaboration within the ECE groups' activity. The aim of the session is to clarify the requirement to encourage the activity of ECE groups. Current status of ECE activities in each group will be presented in the first part of the session. What is required to promote ECE activities will be discussed among small groups of participants in the second part of the session. The result of the discussion will be summarized and presented. The discussion of the session is expected to encourage ECE activities and to facilitate international communication among ECEs in the world.

Room D

16:30-18:30

Regional Meeting: South East Asia

Moderators: Vinod K Srivastava (India)

Janaki Vidanapathirana (Srilanka)

The eminent speakers deliver presentations i) Prof. Anand Krishnan India; Obesity: Time for its inclusion in the MCH Agenda ii) Dr. Rajesh Kuwar- India; Management of IDD for promotion of child health iii) Dr.A.C.M.Basnayake - Sri Lanka; Nutrition through life course: Review of best practices in Child Health iv) Dr. Janaki Vidanapathirana - Sri Lanka Eliminating new HIV infections among children; v) Prof. Mansoor Ahmed – Bangladesh; Strategies for Reduction of Maternal Mortality vi) Dr. Pradeep Aggarwal – India; Role of IT in Reducing the U5 Morbidity and Mortality vii) Dr. S.B. Dixit – Nepal, WHO Interventions for improving Newborn care in Nepal.

Room E

8:30-9:30

Oral 21

Cancer 1

Moderator: Kayo Togawa (Section of Environment and Radiation, International Agency for Research on Cancer, Lyon, France)

O21-1 *H. pylori* eradication and the risk of gastric cancer: a population-based cohort study

Eva Doorackers (Upper Gastrointestinal Surgery, Department of Molecular Medicine and Surgery, Karolinska Institutet, Stockholm, Sweden)

O21-2 Comparative evaluation of preliminary screening methods for colorectal cancer in a mass program

Ding Ye (Division of Public health, Zhejiang University School of Public Health, Hangzhou, China)

O21-3 Vasectomy and long-term risk of prostate cancer

Anders Husby (Department of Epidemiology Research, Statens Serum Institute, Copenhagen, Denmark)

O21-4 Parental occupational exposures and testicular cancer in offspring: a registry-based case-control study in the Nordic countries (NORDTEST Study)

Kayo Togawa (Section of Environment and Radiation, International Agency for Research on Cancer, Lyon, France)

Room E

9:30-10:30

Oral 22**Cancer 2****Moderator: Alberto Ruano-Ravina** (Department of Preventive Medicine and Public Health, University of Santiago de Compostela, School of Medicine, Spain)**O22-1 Residential radon exposure and small cell lung cancer in Spain. First results from the SMALL CELL study**

Alberto Ruano-Ravina (Department of Preventive Medicine and Public Health, University of Santiago de Compostela, School of Medicine, Spain)

O22-2 Risks of iatrogenic injury during diagnostic workup for cervical cancer and precancerous lesions: a nationwide cohort study in Sweden

Qing Shen (Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Sweden)

O22-3 HPV prevalence and type distribution among women with and without cervical cancer in Ghana

Yvonne Nartey (Hugh Adam Cancer Epidemiology Unit, Department of Preventive and Social Medicine, Dunedin School of Medicine, University of Otago, New Zealand)

O22-4 Routine bowel cancer screening: The association of faecal occult blood test positivity with gastrointestinal and haematological conditions found before and after screening

Emily He (Prince of Wales Clinical School, University of NSW, Australia / Cancer Epidemiology Unit, University of Oxford)

Room E

10:30-11:30

Oral 23**Cancer 3****Moderator: Tai-Hing Lam** (School of Public Health, The University of Hong Kong, World Cancer Research Fund International, China)**O23-1 Solid cancer incidence among atomic bomb survivors in Hiroshima and Nagasaki: 1958-2009**

Eric J Grant (Radiation Effects Research Foundation, Hiroshima, Japan)

O23-2 Smoking and melanoma incidence and mortality rates in the UK Million Women Study

Alicia Kathryn Heath (Nuffield Department of Population Health, University of Oxford, Oxford, UK)

O23-3 The incidence and mortality rates of neuroblastoma cases before and after the cessation of the mass screening program in Japan

Takafumi Shinagawa (Division of Environmental Medicine and Population Sciences, Department of Social Medicine, Graduate School of Medicine, Osaka University, Osaka, Japan)

O23-4 Combined mammography and ultrasonography screening for breast cancer: A population-based observational study using a cancer registry database

Izumi Oki (Department of Cancer Prevention and Information, Tochigi Cancer Center, Utsunomiya, Tochigi, Japan)

O23-5 Towards the 2017 Diet and Cancer Report

Tai-Hing Lam (School of Public Health, The University of Hong Kong, World Cancer Research Fund International, China)

Room E

13:30-14:30

Oral 24

Cancer 4

Moderator: Dambadarjaa Davaalkham (Department of Epidemiology and Biostatistics, Mongolian National University of Medical Sciences, Mongolia)

O24-1 Relationship between liver cancer marker and hepatitis B, C and D virus infections among population in Mongolia: A nationwide survey

Dambadarjaa Davaalkham (Department of Epidemiology and Biostatistics, Mongolian National University of Medical Sciences, Mongolia)

O24-2 Cancer incidence among diagnostic medical radiation workers in Korea

Seulki Ko (Department of Preventive Medicine, Korea University College of Medicine, Seoul, Republic of Korea)

O24-3 Impact of cancer on subsequent disemployment risk among Japanese work-age men and women: real world evidence from a large-scale claims database in Japan

Izumi Mishiro (Japan Medical Affairs, Takeda Pharmaceutical Company, Tokyo, Japan)

O24-4 Quality of Life and patient-reported early adverse effects in prostate cancer patients treated with radiotherapy in the multi-centre observational REQUITE study

Petra Seibold (Division of Cancer Epidemiology, German Cancer Research Center (DKFZ), Heidelberg, Germany)

O24-5 A prediction model for the absolute risk of death from cancer and other causes

David C Muller (Department of Epidemiology and Biostatistics, Imperial College London, UK)

Room E

14:30-15:30

Oral 25

Cancer 5

Moderator: TBD

O25-1 Blood lipids, lipoproteins and the risk for breast cancer in chinese females: a population-based prospective cohort study

Zhangyan Lv (Program Office for Cancer Screening in Urban China, National Cancer Center, China)

O25-2 Effects of menopausal hormone therapy and the risks of screen detected and interval breast cancers in a large UK prospective study

Isobel Barnes (Cancer Epidemiology Unit, University of Oxford, Oxford, UK)

O25-3 Childhood body size and risk of breast cancer after menopause by oestrogen receptor status

TienYu Owen Yang (Nuffield Department of Population Health, University of Oxford, Oxford, UK)

O25-4 Boiled bean intake and colorectal cancer incidence among Japanese: The JACC Study

Takahiro Itagaki (Department of Public Health Medicine, Faculty of Medicine, University of Tsukuba, Tsukuba, Ibaraki, Japan)

Room E

15:30-16:30

Oral 26

Cancer 6

Moderator: Taro Takeshima (Division of Community and Family Medicine, Center for Community Medicine, Jichi Medical University, Tochigi, Japan)

O26-1 The long - term influence for cancer prevention by green tea consumption: The Jichi Medical School Cohort Study

Taro Takeshima (Division of Community and Family Medicine, Center for Community Medicine, Jichi Medical University, Tochigi, Japan)

- O26-2 The association between *helicobacter pylori* infection and risk of pancreatic cancer in Taiwan**
Chia-Rung Tsai (National Institute of Cancer Research, National Health Research Institutes, Tainan, Taiwan)
- O26-3 SURVIVAL AND BURDEN OF BREAST CANCER IN FLORIANOPOLIS/SC, SOUTHERN BRAZIL**
Ione JC Schneider (Health Science, Federal University of Santa Catarina, Brazil)
- O26-4 Follow-up survey on the adverse events following the human papillomavirus (HPV) vaccinations in Japan: the first review**
Yuri Kitamura (Department of Social Medicine, Osaka University, Suita, Osaka, Japan)

Room E 16:30-18:30

Regional Meeting: Africa

Moderator: TBD

Room F 8:30-9:30

Oral 27

Maternal and child health 5

Moderator: Marco A Peres (Australian Research Centre for Population Oral Health, The University of Adelaide, Australia)

- O27-1 The death of a sibling in childhood and subsequent mortality: a nationwide cohort study in Denmark and Sweden**
Yongfu Yu (Department of Biostatistics, School of Public Health, Fudan University, Shanghai, China / Section for Epidemiology, Department of Public Health, Aarhus University, Aarhus, Denmark)
- O27-2 Origins of the disparities in infant mortality between England and Sweden: a national electronic birth cohort study**
Ania Zylbersztejn (Great Ormond Street Institute of Child Health, University College London, London, UK / Farr Institute of Health Informatics Research / Administrative Data Research Centre England)
- O27-3 Early life exposure to General Anaesthesia due to dental reasons affects children's development: findings from a South Australian data-linkage study**
Marco A Peres (Australian Research Centre for Population Oral Health, The University of Adelaide, Australia)
- O27-4 Effective contraception, counseling, and related factors among women seeking post abortion care in healthcare facilities in Kenya**
Michael M Mutua (Research, African Population and Health Research Center, Kenya / University of Witwatersrand)

Room F 9:30-10:30

Oral 28

Maternal and child health 6

Moderator: TBD

- O28-1 Study design: the evaluation of interindividual differences in neonatal epigenome - the BC-GENIST project**
Noriko Sato (Department of Molecular Epidemiology, Medical Research Institute, Tokyo Medical and Dental University, Tokyo, Japan)
- O28-2 An application of Cox frailty model in identifying determinants of neonatal mortality in Empowered Action Group states in India**
Kalaivani Mani (Department of Biostatistics, All India Institute of Medical Sciences, New Delhi, India, India)
- O28-3 Prevalence and associated factors of obstetric violence in a southern Brazil birth cohort**
Mariangela Freitas Silveira (Maternal and Child Health, School of Medicine, Federal University of Pelotas, Brazil / Post Graduation Program in Epidemiology, School of Medicine, Federal University of Pelotas)

O28-4 Associations between sex hormones and asthma among Japanese young children

Keiko Wada (Department of Epidemiology and Preventive Medicine, Gifu University Graduate School of Medicine, Gifu, Japan)

Room F

10:30-11:30

Oral 29

Maternal and child health 7

Moderator: Anne-Marie Nybo Andersen (Section of Social Medicine, Department of Public Health, University of Copenhagen, Denmark)

O29-1 In utero Exposure to beta-2-adrenergic Receptor Agonist and Attention-Deficit/Hyperactivity Disorder in Children: a population-based study in Denmark

Maohua Miao (Department of Reproductive Epidemiology and Social Medicine, Shanghai Institute of Planned Parenthood Research, Shanghai, China)

O29-2 Prevalence of angiotensin-converting enzyme inhibitors (ACEI) exposure during pregnancy and the clinical indications: A Population-Based Cohort Study in NSW (2005-2012)

Bilal Ahmed (Centre for Big Data Research in Health, University of New South Wales, Sydney, Australia)

O29-3 Light-to-moderate alcohol drinking in pregnancy and its relationship with birth weight and preterm birth: elucidating bias by pooling data from nine European cohorts

Anne-Marie Nybo Andersen (Section of Social Medicine, Department of Public Health, University of Copenhagen, Denmark)

O29-4 High Frequency of Vitamin D Deficiency in Pregnant Japanese Women Associated with UV Avoidance and Hypo-Vitamin D Diet

Kumiko Tsuji Kanatani (Department of Health informatics, Kyoto University School of Public Health, Kyoto, Japan)

Room F

14:30-15:30

Oral 30

Mental health 1

Moderator: Kazushige Ihara (Division of Public health, Toho University, Tokyo, Japan)

O30-1 Association between supplemented multivitamins containing folic acid and decreased risk of mental disorder due to cocaine use: a population-based study in Canada

Shiliang Liu (Health Surveillance and Epidemiology Division, Public Health Agency of Canada, Ottawa, Canada)

O30-2 Using publicly available data to investigate causal associations between substance use and mental health

Suzanne Gage (Department of Psychological Sciences, University of Liverpool, UK)

O30-3 Posttraumatic stress disorder and incidence of thyroid dysfunction in a large cohort of women: A 24-year longitudinal study

Sun Jae Jung (Department of Epidemiology, Harvard TH Chan School of Public Health, Boston, MA, USA)

O30-4 Exome-wide association study identifies the association between depression, height and DOCK3

Kazushige Ihara (Division of Public health, Toho University, Tokyo, Japan)

O30-5 Suicidal behavior during lithium and valproate medication: a within-individual eight year prospective study of 50 000 patients with bipolar disorder

Jie Song (Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Sweden)

Room F

15:30-16:30

Oral 31**Mental health 2**

Moderator: Rebecca M Pearson (School of Social and Community Medicine, University of Bristol, UK / Department of Psychiatry, Oxford University, UK)

O31-1 Prenatal exposure to β 2-adrenoreceptor agonists and the risk of autism spectrum disorders in offspring: a population-based cohort study

Xiujuan Su (Department of Women and Children's Health Care, Shanghai First Maternity and Infant Hospital, Tongji University School of Medicine, Shanghai, China)

O31-2 Familial liability for attention-deficit hyperactivity disorder (ADHD) and eating disorders: applying a genetically informative epidemiological design in a large Swedish population

Shuyang Yao (Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Sweden)

O31-3 Grandmothers mental health and grandchildren emotional and behavioral development. A three generation prospective study in Brazil

Rebecca M Pearson (School of Social and Community Medicine, University of Bristol, UK / Department of Psychiatry, Oxford University, UK)

O31-4 Father absence in childhood and offspring depressive disorders at 18 years: UK population-based cohort study

Iryna Culpin (Centre for Academic Mental Health, School of Social and Community Medicine, University of Bristol, UK)

Room F

16:30-18:30

Regional Meeting: Eastern Mediterranean

Moderator: Salim Adib (Lebanon)

The MENA regional meeting will be held with all those in attendance from the region, under the large banner "Epidemiology in troubled times". Participants may discuss issues pertaining to field activities and training/academic concerns as many nations in the region continue to suffer directly or indirectly from violence, armed conflicts and forced displacement.

Room G

8:30-9:30

Oral 32**Social epidemiology 4**

Moderator: TBD

O32-1 The influence of welfare state institutions and expenditures on subjective wellbeing following transitions from work in sixteen European countries

Sol Richardson (Research Department of Epidemiology and Public Health, International Centre for Life Course Studies in Society and Health, University College London, UK)

O32-2 The effects of socioeconomic position on healthy ageing trajectories after 60 years in the US, England, China and Japan

Wentian Lu (Research Department of Epidemiology and Public Health, University College London, UK)

O32-3 The mediating effects of depressive symptoms on the association of childhood maltreatment with non-medical use of prescription drugs among adolescents

Lan Guo (School of Public Health, Sun Yat-sen University, Zhongshan, China)

O32-4 Intensive Care Unit and burnout in Colombian ICU physicians - a view from social epidemiology

Omar Segura (Doctorate in Public Health, National University of Colombia, Colombia / SMC-AS Research Unit, Bogota - Colombia)

Room G

9:30-10:30

Oral 33

Social epidemiology 5

Moderator: Thomas Astell-Burt (Population Wellbeing and Environment Research Lab (PowerLab), University of Wollongong, Australia / Early Start Research Institute, Faculty of Social Sciences, University of Wollongong / Illawarra Health and Medical Research Institute)

033-1 Does neighborhood green space promote narrower socioeconomic inequity in body mass index among women? Evidence from Australia

Thomas Astell-Burt (Population Wellbeing and Environment Research Lab (PowerLab), University of Wollongong, Australia / Early Start Research Institute, Faculty of Social Sciences, University of Wollongong / Illawarra Health and Medical Research Institute)

033-2 Is neighborhood green space protective against associations between child asthma, neighborhood traffic volume and perceived lack of safety? Multilevel analysis of 4, 447 Australian children

Xiaoqi Feng (Population Wellbeing and Environment Research Lab (PowerLab), University of Wollongong, Australia / Early Start Research Institute, Faculty of Social Sciences, University of Wollongong / Illawarra Health and Medical Research Institute)

033-3 Development of a Neighborhood Observation Tool for auditing health related features of community environments (Cy-NOTes): systematic social observation study across Limassol neighbourhoods, Cyprus

Nicos Middleton (Department of Nursing, School of Health Sciences, Cyprus University of Technology, Limassol, Cyprus / Cyprus International Institute for Environmental and Public Health, School of Health Sciences, Cyprus University of Technology, Limassol, Cyprus)

Room G

10:30-11:30

Sponsored Seminar Sponsored by National Assembly Promoting Healthy and Energy Conserving Housing

Housing as a critical determinant of health

Moderators: Hiroyuki Uehara (National Assembly Promoting Healthy and Energy Conserving Housing)
Takesumi Yoshimura (University of Occupational and Environmental Health)

Toshiharu Ikaga (Faculty of Science and Technology, Keio University)

Room G

14:30-15:30

Oral 34

Infectious diseases 1

Moderators: Forhad Akhtar Zaman (Community Medicine, Sikkim Manipal Institute of Medical Sciences, India)
Masayuki Kakehashi (Institute of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan)

034-1 Female genital schistosomiasis in abeokuta, nigeria

Uwemedimo Friday Ekpo (Department of Pure and Applied Zoology, Federal University of Agriculture Abeokuta, Nigeria)

034-2 Study of the status and factors affecting isoniazide chemoprophylaxis for paediatric contacts of the smear positive tuberculosis cases in east district of Sikkim in India

Forhad Akhtar Zaman (Community Medicine, Sikkim Manipal Institute of Medical Sciences, India)

034-3 Congenital Zika virus syndrome in Brazil: a case series of 7, 299 livebirths with complete investigation

Giovanny Vinicius Araujo de Franca (Secretariat of Health Surveillance, Ministry of Health, Brazil)

034-4 An analysis of the effect of school closure using an individual based stochastic model of influenza transmission

Masayuki Kakehashi (Institute of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan)

034-5 Estimating the transmissibility of noroviruses infection using outbreak event data with known route of transmission in Japan

Ryota Matsuyama (Graduate School of Medicine, Hokkaido University, Sapporo, Hokkaido, Japan)

Room G

15:30-16:30

Oral 35**Epidemiological methodology 1**

Moderator: Nobuo Nishi (Center for International Collaboration and Partnership, National Institutes of Biomedical Innovation, Health and Nutrition, Tokyo, Japan)

035-1 A comparison of genetic and policy reform instrumental variables for estimating the causal effects of education on health: evidence from the UK Biobank

Neil Martin Davies (Medical Research Council Integrative Epidemiology Unit, School of Social and Community Medicine, University of Bristol, UK)

035-2 Projection of the number of participants in the National Health and Nutrition Survey of Japan using a system dynamics model

Nobuo Nishi (Center for International Collaboration and Partnership, National Institutes of Biomedical Innovation, Health and Nutrition, Tokyo, Japan)

035-3 Changes in physical activity and weight as predictors of change in sleep: analysing observational Finnish data as non-randomised pseudo-trials

Alice Jessie Clark (Department of Public Health, University of Copenhagen, Denmark / the Copenhagen Stress Research Center)

035-4 A predictive model based on body composition for diabetes screening among Chinese adults

Saili Ni (Department of Nutrition and food hygiene, Zhejiang University, Chronic Disease Research Institute, School of Public Health, Zhejiang University, Hangzhou, Zhejiang, China)

035-5 Cope non-compliance with assigned treatments in clinical trials, using a global goodness-of-fit test for linear structural mean models

Shizue Izumi (Department of Data Science, Shiga University, Hikone, Shiga, Japan)

035-6 The association of non-standard employment with un-utilization of cancer screening: Findings from a nationally representative survey in Japan

Emiko Ando (Department of Mental Health, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan)

Poster Presentation Room

15:30-16:30

Poster Presentation 2**P2-1 Validation of GRACE Score in Predicting 1-Year Mortality of Patients With Acute Coronary Syndrome Admitted to the Arabian Gulf Hospitals**

Lukman Thalib (Department of Public Health, Qatar University, Doha, Qatar)

P2-2 Breast Cancer Screening (BCS) chart for making policy decision on mammography, Tehran, Iran

Jalal Poorolajal (Research Center for Health Sciences, Department of Epidemiology, School of Public Health, Hamadan University of Medical Sciences, Hamadan, Iran)

P2-3 Acute methanol poisoning outbreak in Ondo State Southwest, Nigeria April 2015

Elizabeth Bunmi Adedire (Field Epidemiology, Nigerian Field Epidemiology Network, Nigeria)

P2-4 Effect of statin use on non-melanoma skin cancer incidence

Chiho Muranushi (School of Public Health, University of Queensland, Australia / Cancer Control Group, QIMR Berghofer Medical Research Institute)

P2-5 The Association Between Risk Factors and Coronary Heart Disease in Prof. Dr. R. D. Kandou Hospital Manado North Sulawesi Indonesia

Priscilla Caroline Kandou (Department of Public Health, Sam Ratulangi University, Indonesia)

- P2-6 Physical Activity and Smoking among Secondary Infertile and Fertile Women in Southeast of Iran: Considering Potential Reproductive Confounding Factors in a Case-Control Study**
Hossein Ansari (Health Promotion Research Center, Department of Epidemiology and Biostatistics, Zahedan University of Medical Sciences, Zahedan, Iran)
- P2-7 Prenatal origins of intergenerational transmission of health: a novel answer to the increasing burden of chronic illness in nordic societies**
Jiong Li (Department of Clinical epidemiology, Aarhus University, Denmark)
- P2-8 Predicted 10-year risk of cardiovascular disease and BMI paradox in Shahroud, Iran**
Mohammad Hassan Emamian (Department of Epidemiology, School of Public Health, Shahroud University of Medical Sciences, Shahroud, Iran)
- P2-9 Tobacco smoking cessation and risk of esophageal cancer: systematic review and meta-analysis**
Qiaoli Wang (Department of Molecular Medicine and Surgery, Karolinska Institutet, Stockholm, Sweden)
- P2-10 Comparative Effectiveness Analysis of Various Proprotein Convertase Subtilisin/Kexin Type 9 Inhibitors on Lipid Levels in Patients with Hypercholesterolemia: a Systematic Review and Network Meta-analysis**
Yi-Ting Huang (Institute of Epidemiology and Preventive Medicine, National Taiwan University, Taipei, Taiwan)
- P2-11 Projected 10-Year Trends and Intervention Effects of Heart Disease and Stroke Mortality Using Big Data in Taiwan**
Kuo-Liong Chien (Institute of Epidemiology and Preventive Medicine, College of Public Health, National Taiwan University, Taiwan)
- P2-12 Report on the Investigation of an outbreak of food-borne illness in a tertiary education institution in Gauteng, South Africa; January 2016**
Lwando Maki (Public Health Medicine, University of Pretoria, South Africa)
- P2-14 Preliminary results for diabetes mellitus and colorectal cancer in Thai population aged 45-74 years old: a population-based RCT screening in Khon Kaen, Thailand**
Pongdech Sarakarn (Faculty of Public Health, Khon Kaen University, Thailand)
- P2-15 Cardiovascular risk stratification during opportunistic screening in a rural area of Punjab, India**
Manju Rani (Department of Community Medicine and School of Public Health, Post Graduate Institute of Medical Education and Research, Chandigarh, India)
- P2-16 Sitting-time in Portuguese school-aged adolescents: are school classes a risk factor?**
Romeu Mendes (Unidade de Saude Publica, ACES Douro I - Marao e Douro Norte, ARS Norte, Portugal / University of Tras-os-Montes e Alto Douro / ISPUP-EPIUnit, Universidade do Porto)
- P2-17 Prevalence of diabetes mellitus and related cardiovascular disease risk factor in an ethnic community of Bangladesh**
Sabrina Ahmed (Initiative for Noncommunicable Diseases(INCD), Dhaka, Bangladesh)
- P2-18 Frequency of fruit/vegetable obtained from relatives or neighbors, but not fruit/vegetable gardening, is significantly related to fruit and vegetable intake: Among residents in Gunma, Japan**
Daisuke Machida (Division of Health sciences, Gunma University Graduate School, Takasaki, Gunma, Japan / Takasaki University of Health and Welfare)
- P2-19 Thyroid Nodule in Fukushima**
Yutaka Hamaoka (Faculty of Business and Commerce, Keio University, Tokyo, Japan)
- P2-20 Quality of oils obtained from food undergoing deep frying processes**
Marcos Flores Garcia (Basic Science Department Faculty of Science, Santo Tomas University, Talca, Chile)
- P2-21 Comparison of standardized mortality ratios for renal failure using national vital statistics before and after the 2011 Great East Japan earthquake and tsunami**
Rumi Tsukinoki (Department of Public Health Nursing, Osaka Medical College, Osaka, Japan)

- P2-22 Attempt to assess epidemiological evidences by animal experiments**
Norio Takahashi (Vice Chairman's Office, Radiation Effects Research Foundation, Hiroshima, Japan)
- P2-23 Factor VII and incidence of myocardial infarction in a Japanese population: The Jichi Medical School Cohort Study**
Takuya Shiraishi (Uenomura Clinic, Division of internal medicine, Gunma, Japan)
- P2-24 The association between psychological distress and habitual using of saltiness seasoning on meal among Japanese pregnant women in Miyagi Prefecture**
Yuki Sato (Tohoku Medical Megabank Organization, Tohoku University, Sendai, Miyagi, Japan)
- P2-25 THE DISTRIBUTION OF RISK FACTORS AND HYPERTENSION PREVALENCE TOWARDS 18-59 YEARS SOCIETY IN WORKING AREA OF UPT PUSKESMAS TAMPAKSIRING I IN NOVEMBER 2013**
Jiana Rofik Baitur R (Division of Public Health, Airlangga University, Surabaya, Indonesia)
- P2-26 Effect of different levels of physical activity, body mass index and sitting time on colon and rectal cancers in the 45 and Up study**
Carlos Andres Nunez (Cancer Research Division, Cancer Council, University of Sydney, NSW, Australia / University of Sydney)
- P2-27 The Effect of Longitudinal Medication Adherence to control of Diabetes Mellitus patients in a community by Latent Growth Modeling**
Nam Wook Hur (Department of Sociology, Yonsei University, Seoul, Republic of Korea / Department of preventive medicine, College of Medicine, Yonsei University)
- P2-28 DIET@NET Best practice guidelines for dietary assessment in health research**
Janet E. Cade (Nutritional Epidemiology Group, School of Food Science and Nutrition, University of Leeds, Leeds, UK)
- P2-29 Association between socio economic status and blood cadmium level and smoking status**
Yongho Jee (Department of Public Health Science, Seoul National University, Seoul, Republic of Korea)
- P2-30 The contribution of alcohol in the risk of head and neck cancer in Taiwan**
Jeffrey Shu-Ming Chang (National Institute of Cancer Research, National Health Research Institutes, Tainan, Taiwan)
- P2-31 Effect of apparent temperature on cardiovascular disease hospital admissions in Cape Town, South Africa**
Janine Wichmann (School of Health Systems and Public Health, University of Pretoria, Pretoria, South Africa)
- P2-32 Associations of handgrip strength with total and regional bone mineral density among Chinese Adults**
Sunyue Ye (Department of Nutrition and Food Hygiene, School of Public Health, Zhejiang University, Hangzhou, Zhejiang, China)
- P2-33 Indoor particles in two mother-child studies in the city of Leipzig, Germany - concentrations and effects on children's bronchitis risk and inflammatory cytokines**
Ulrich Franck (Helmholtz Centre for Environmental Research - UFZ, Core Facility Studies, Leipzig, Germany)
- P2-34 Gender Difference on the Association of Handgrip Strength and Hyperglycemia Among Adults in Mito, Japan**
Chrispin Mahala Manda (Department of Comprehensive Human Sciences, University of Tsukuba, Tsukuba, Ibaraki, Japan)
- P2-35 Dietary Pattern and Its Association with Blood Pressure and Blood Lipid Profiles among Japanese Adults in the 2012 Japan National Health and Nutrition Survey**
Naychi Htun (Department of Nutritional Epidemiology, National Institute of Health and Nutrition, Tokyo, Japan)
- P2-36 Association between obesity and renal disease markers: cross-sectional analysis from the Brazilian longitudinal study of adult health (Elsa-Brazil)**
Alexandra Dias Moreira (Departamento de Enfermagem Materno Infantil e Saude Publica, Nursing school, Universidade Federal de Minas Gerais, Brazil)

- P2-37 Dietary diversity and healthy life expectancy - an international comparative study**
Keiko Miyamoto (Graduate School of Nutritional Sciences, Nagoya University of Arts and Sciences, Nagoya, Aichi, Japan)
- P2-38 Hand-grip strength as a predictor of site-specific osteoporotic fracture risk in postmenopausal women: The Japanese Population-based Osteoporosis (JPOS) Cohort Study**
Kuniyasu Kamiya (Department of Hygiene & Public Health, Osaka Medical College, Takatsuki, Osaka, Japan)
- P2-39 Nutrition Status among 32 breastfeeding mothers at 1 month postpartum**
Saki Horie (Department of Public health, Teikyo University Graduate School, Tokyo, Japan / National Institute of Health and Nutrition)
- P2-40 Association between average daily television viewing time and the incidence of ovarian cancer: findings from the Japan Collaborative Cohort Study (1988-1990)**
Shigekazu Ukawa (Department of Public Health, Hokkaido University Graduate School of Medicine, Sapporo, Hokkaido, Japan)
- P2-41 Effect of excess iodine intake on thyroid diseases in different populations: A systematic review and meta-analyses including observational studies**
Ryoko Katagiri (Department of Social and Preventive Epidemiology, Graduate School of Medicine, the University of Tokyo, Tokyo, Japan)
- P2-42 Physical Activity and Cardiovascular Disease Risk in Japan: The Jichi Medical School Cohort Study**
Yosuke Shibata (Department of Community Health and Preventive Medicine, Hamamatsu University School of Medicine, Hamamatsu, Shizuoka, Japan)
- P2-43 Coffee consumption and all-cause mortality in Japanese community residents: the Jichi Medical School Cohort Study**
Tsuyako Sakamaki (Division of Public health, Graduate School of Saitama Prefectural University, Koshigaya, Saitama, Japan)
- P2-44 Dipeptidyl Peptidase-4 Inhibitors Associated with a Higher Risk of Cardiovascular Events: A Population-based Cohort Study in Taiwan**
Jui Wang (Institute of Epidemiology and Preventive Medicine, College of Public Health, National Taiwan University, Taipei, Taiwan)
- P2-45 A study on effects of body image perception to nutrient intake and mental health of Korean adolescents**
Kim Yookyung (Department of Home Economics Education, The Graduate School of Education, Korea University, Seoul, Republic of Korea)
- P2-46 The risk of stroke induced by meteorological conditions in different sex and age groups: Hiroshima Emergency and Weather Study (HEWS) stroke collaboration**
Miwako Tsunematsu (Department of Health Informatics, Hiroshima University Graduate School of Biomedical and Health Sciences, Hiroshima, Japan)
- P2-47 The impact of neuropathic pain on sleep quality up to three years after breast cancer diagnosis**
Nuno Lunet (Departamento de Ciencias da Saude Publica e Forenses e Educacao Medica, Faculdade de Medicina, Universidade do Porto, Portugal)
- P2-48 A class of non-linear exposure-response models in case-crossover method**
Mieczyslaw Szyszkowicz (Population Studies Division, Health Canada, Ottawa, Canada)
- P2-49 Pre-hospital delay in Patients presenting with Acute Myocardial Infarction to a Tertiary Care Center in India**
Sarit Sharma (Department of Community Medicine, Dayanand Medical College & Hospital, Ludhiana, India)
- P2-50 Television viewing time and mortality from chronic kidney disease among Japanese men and women: the JACC Study**
Satoyo Ikehara (Department of Hygiene and Public Health, Osaka Medical College, Takatsuki, Osaka, Japan / Public Health, Department of Social Medicine, Osaka University Graduate School of Medicine)

- P2-51 Oral health behaviours and the association with sports in Portugal**
Nelio Veiga (Health Sciences Institute, Universidade Catolica Portuguesa, Viseu, Portugal / Center for Interdisciplinary Research in Health-Universidade Catolica Portuguesa)
- P2-52 Prevalence and risk factors associated with overweight and obesity among adults in a population of rural north India: a cross-sectional study**
Mahesh Satija (Department of Community Medicine, Dayanand Medical College & Hospital, Ludhiana, India)
- P2-53 Larger leg fat mass predicts lower blood pressure in relatively underweight girls: a three-year follow-up study in Hamamatsu**
Katsuyasu Kouda (Department of Public Health, Kindai University Faculty of Medicine, Osaka-Sayama, Japan)
- P2-54 Daily physical activity is associated with smaller decrease in bone mineral density: evaluation using an objective activity measurement with a triaxial accelerometer in Japanese women**
Takahiro Tachiki (Department of Public Health, Kindai University Faculty of Medicine, Osaka-Sayama, Japan)
- P2-55 Colon cancer incidence among atomic bomb survivors in Hiroshima and Nagasaki: 1958-2009**
Hiromi Sugiyama (Department of Epidemiology, Radiation Effects Research Foundation, Hiroshima, Japan)
- P2-56 Association of serum n-3 polyunsaturated fatty acids with silent cerebral vascular lesions in a Japanese male population**
Keiko Kondo (Department of Public Health, Shiga University of Medical Science, Otsu, Shiga, Japan)
- P2-57 Uterine cancer incidence among atomic bomb survivors in Hiroshima and Nagasaki: 1958-2009**
Kotaro Ozasa (Department of Epidemiology, Radiation Effects Research Foundation, Hiroshima, Japan)
- P2-58 LDL-C concentration is estimated by dietary factors with considering the genetic variation among Japanese: the J-MICC Sakura Diet Study**
Syu Akimoto (School of Food and Nutritional Sciences, University of Shizuoka, Shizuoka, Japan)
- P2-59 Heart disease mortality in the Life Span Study, Japan, 1950-2008**
Ikuno Takahashi (Department of Clinical Studies, Radiation Effects Research Foundation, Hiroshima, Japan / Department of Epidemiology, Radiation Effects Research Foundation)
- P2-60 Association between objectively measured physical activity and methylation of PYCARD gene in the Japanese general population**
Yuichiro Nishida (Department of Preventive Medicine, Faculty of Medicine, Saga University, Saga, Japan)
- P2-61 Upper digestive cancer incidence among atomic bomb survivors in Hiroshima and Nagasaki: 1958-2009**
Ritsu Sakata (Department of Epidemiology, Radiation Effects Research Foundation, Hiroshima, Japan)
- P2-62 Early effect of the mass colorectal cancer screening program in China, 2007-2014: population based study**
Kun Chen (Division of Public health, Zhejiang University School of Public Health, Hangzhou, China)
- P2-63 Comparison of three obesity measurements in the prediction of hypertension and diabetes in Fiji**
Marika Nomura (Department of International Health and Collaboration, National Institute of Public Health, Saitama, Japan)
- P2-64 Vegetarian diet, change in dietary patterns, and risk of diabetes: a prospective cohort study in Taiwan**
Tina Hsueh-Ting Chiu (Department of Nutrition Therapy, Dalin Tzu Chi Hospital, Tzu Chi Medical Foundation, Chiayi County, Taiwan / Graduate Institute of Epidemiology and Preventive Medicine, National Taiwan University)
- P2-65 Risk of non-alcoholic fatty liver disease and lifestyle factors: the Shizuoka-Sakuragaoka J-MICC Study**
Kiyonori Kuriki (School of Food and Nutritional Sciences, University of Shizuoka, Shizuoka, Japan)

- P2-66 Invasive dental treatment and the risk of infective endocarditis: a case-crossover study in Taiwan**
Yu-Kang Tu (Institute of Epidemiology and Preventive Medicine, National Taiwan University, Taipei, Taiwan)
- P2-67 2016, Japanese National Cancer Registration is started, the completeness of registration is OK?**
Masakazu Hattori (Department of surgery, Fukui Prefectural Hospital, Fukui, Japan)
- P2-68 Dietary patterns and long-term risk of death from cardiovascular diseases in Japanese: NIPPON DATA90**
Aya Kadota (Center for Epidemiologic Research in Asia, Shiga University of Medical Science, Otsu, Shiga, Japan)
- P2-69 Association between genetic variants in promoter region of a novel antisense long noncoding RNA RP11-392P7.6 and colorectal cancer risk in Jiashan county of China**
Simeng Gu (Department of Epidemiology and Biostatistics, Zhejiang University School of Public Health, Hangzhou, Zhejiang, China)
- P2-70 Causes of death after pesticide poisoning in South Korea: A Nationwide Population-Based Study**
Ye Jin Bang (Department of Preventive Medicine, Korea University College of Medicine, Seoul, Republic of Korea)
- P2-71 Exposure assessment of organophosphorus pesticide in Japanese diapered children**
Naoko Oya (Department of Occupational and Environmental Health, Nagoya City University Graduate School of Medical Sciences, Nagoya, Japan)
- P2-72 The association of homocysteine with incident cardiovascular disease is modified by vitamin A**
Thomas Olsen (Department of Nutrition, University of Oslo, Norway)
- P2-73 Chinese obesity has higher risk of metabolic abnormalities than whites**
Yimin Zhu (Department of Epidemiology and Biostatistics, Zhejiang University School of Public Health, Hangzhou, Zhejiang, China)
- P2-74 Heterogeneous relationships between smoking and squamous and basal cell carcinomas of the skin: prospective study of UK women and meta-analysis**
Kirstin Pirie (Cancer Epidemiology Unit, University of Oxford, Oxford, UK)
- P2-75 Prevalence of comorbidity in patients with cardiovascular disease in the general population: results from the Lifelines cohort study**
Josefien Buddeke (Department of Epidemiology, Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, The Netherlands / Dutch Heart Foundation)
- P2-76 Sex disparities in cancer incidence in Jiashan County of China, 1995-2014**
Xiyi Jiang (Department of Epidemiology and Health Statistics, Zhejiang University School of Public Health, Hangzhou, China)
- P2-77 Protective effect of vegetarian diet against gallstone disease in female -a prospective cohort study in Taiwan**
Ming-Nan Lin (Department of Family Medicine, Buddhist Dalin Tzu Chi Hospital, Chiayi County, Taiwan)
- P2-78 Effects of eating rate for each risk of metabolic syndrome and potential metabolic syndrome patients and the confounding factors: the Shizuoka-Sakuragaoka J-MICC Study**
Wu Ren (Division of Food and Nutritional Science, Graduate School of Integrated Pharmaceutical and Nutritional Sciences, University of Shizuoka, Shizuoka, Japan)
- P2-79 Weight gain during adulthood and colorectal adenomas: a systematic review and meta-analysis**
Sabrina Schlesinger (Department of Epidemiology and Biostatistics, School of Public Health, Imperial College London, UK)
- P2-80 Validity and reproducibility of a developed culture-sensitive, semi-quantitative food frequency questionnaire for use among adult population in Kenya**
Elisabete Pinto (Universidade Catolica Portuguesa, Centro de Biotecnologia e Quimica Fina (CBQF) Laboratorio Associado, Escola Superior de Biotecnologia, Portugal / Instituto de Saude Publica da Universidade do Porto (ISPUP))

- P2-81 Body mass index and incidence of subarachnoid hemorrhage in Japanese community residents: the Jichi Medical School Cohort Study**
Nami Kawate (Division of Public health, Graduate School of Saitama Prefectural University, Koshigaya, Saitama, Japan)
- P2-82 Relationship between natto intake habit and risk of osteoporotic fracture in postmenopausal women: The Japanese Population-based Osteoporosis (JPOS) Cohort study**
Akane Kojima (Department of Hygiene & Public Health, Osaka Medical College, Takatsuki, Osaka, Japan / Department of Health and Nutrition, Kyoto College of Nutritional & Medical Sciences)
- P2-83 Increased mite sensitization in residents of emergency temporary housing after the Great East Japan Earthquake**
Chiyako Oshikata (Department of Respiriology, National Hospital Organization, Saitama National Hospital, Saitama, Japan)
- P2-84 Trend of official radiological food monitoring data - During five years and ten months after the Fukushima Nuclear Accident -**
Ichiro Yamaguchi (Department of Environmental Health, National Institute of Public Health, Saitama, Japan)
- P2-85 Incidence of liver, pancreas, and gallbladder cancers among atomic bomb survivors in Hiroshima and Nagasaki: 1958-2009**
Atsuko Sadakane (Department of Epidemiology, Radiation Effects Research Foundation, Hiroshima, Japan)
- P2-86 Physical Activity Earlier in Life Reduces Insulin Resistance among Adults in Japan**
Hitomi Fujita (Department of Public Health, Nagoya City University Graduate School of Medical Sciences, Nagoya, Aichi, Japan)
- P2-87 Evaluation of Quality of Life in survivors with malignant pleural mesothelioma in Japan**
Isao Oze (Division of Molecular and Clinical Epidemiology, Aichi Cancer Center Research Institute, Nagoya, Aichi, Japan)
- P2-88 Fatty acids in serum phosphatidylcholine and cardiovascular risk parameters among Japanese patients with diabetes mellitus, dyslipidemia, or hypertension**
Kayo Kurotani (Department of Nutritional Education, National Institute of Health and Nutrition, Tokyo, Japan / Department of Epidemiology and Prevention, Center for Clinical Sciences, National Center for Global Health and Medicine)
- P2-89 Metabolic syndrome over four years prior to the onset of cardiovascular disease: a nested case-control study**
Huanhuan Hu (Department of Epidemiology and Prevention, Bureau of International Health Cooperation, National Center for Global Health and Medicine, Tokyo, Japan)
- P2-90 Maternal dietary patterns during pregnancy and spontaneous preterm birth: a large prospective cohort study in China**
Min-Shan Lu (Division of Birth Cohort Study, Guangzhou Women and Children's Medical Center, Guangzhou Medical University, Guangzhou, China / Department of Woman and Child Health Care, Guangzhou Women and Children's Medical Center, Guangzhou Medical University)
- P2-91 Vascular endothelial growth factor and ischemic heart disease risk: a Mendelian randomization study**
Shiu Lun Au Yeung (School of Public Health, Li Ka Shing Faculty of Medicine, The University of Hong Kong, Hong Kong SAR, China)
- P2-92 Tumour characteristics of breast cancer in relation to age in women in England**
Torat Gathani (Nuffield Department of Population Health, University of Oxford, Oxford, UK / Department of Oncoplastic Breast Surgery, Oxford University Hospitals NHS Foundation Trust)
- P2-93 KAROLINSKA FOOTBALL INJURY COHORT, INJURIES IN ADOLESCENT FEMALE FOOTBALL PLAYERS**
Eva Skillgate (Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden / Naprapathogskolan - Scandinavian College of Naprapathic Manual Medicine, Stockholm, Sweden)

- P2-94 Association of oral salt intake and blood pressure with salt taste thresholds in healthy people, Japan**
Naoko Katahashi (Department of Community Health and Preventive Medicine, Hamamatsu University School of Medicine, Hamamatsu, Shizuoka, Japan)
- P2-95 Epidemiology of survival rates from in-hospital cardiac arrest at a governmental hospital in the United Arab Emirates, 2013-2015**
Tom Loney (Institute of Public Health, College of Medicine and Health Sciences, United Arab Emirates University, Al Ain, United Arab Emirates)
- P2-96 Nutrition impact symptoms as a determinant of global quality of life, social function, emotional function among patients operated on for oesophageal cancer**
Poorna Anandavadevelan (Surgical Care Sciences, Department of Molecular Medicine and Surgery, Karolinska Institutet, Stockholm, Sweden)
- P2-97 Impact and burden of snoring / apnea on total health expenditure in adult Japanese national health insurance beneficiaries: the Ibaraki prefectural health study**
Mizuki Sata (Public Health, Department of Social Medicine, Osaka University Graduate School of Medicine, Suita, Osaka, Japan / Ibaraki Health Plaza, Mito, Japan / Ibaraki Health Service Association, Mito, Japan / Department of Public Health Medicine, Faculty of Medicine, University of Tsukuba, Tsukuba, Japan)
- P2-98 Small size of kidney and blood pressure of bangladeshi children**
Farzana Ferdous (Graduate School of Comprehensive Human Sciences, University of Tsukuba, Tsukuba, Ibaraki, Japan)
- P2-99 A comprehensive analysis in the incidence and survival of pancreatic cancer by histology, including rare subtypes: a nation-wide cancer registry-based study from Taiwan**
Hui-Jen Tsai (National Institute of Cancer Research, National Health Research Institutes, Tainan, Taiwan / Department of Internal Medicine, National Cheng Kung University Hospital / Department of Internal Medicine, Kaohsiung Medical University Hospital)
- P2-100 Neighborhood food environment and nutrient intake among Japanese older people**
Tomoko Kishi (Department of Public Health Science, Hokkaido University, Sapporo, Hokkaido, Japan)
- P2-101 The association of Neutrophil Lymphocyte Ratio and Risks of Cardiovascular Diseases: A systematic review and meta-analysis**
Teeranang Angkananard (Division of Cardiovascular Medicine, Department of Medicine, HRH Princess Maha Chakri Sirindhorn Medical Center, Srinakharinwirot University, Bangkok, Thailand / Section for Clinical Epidemiology and Biostatistics, Faculty of Medicine, Ramathibodi Hospital, Mahidol University)
- P2-102 Oral cancer via the bargain bin; the role of naswar (smokless tobacco) in the etiology of oral cancer in Pakistan**
Zohaib Khan (Prevention and Evaluation, Leibniz institute for prevention research and epidemiology-BIPS, Germany / Khyber Medical University, Pakistan.)
- P2-103 Estimating the avoidable part of the burden of hepatocarcinoma related to delays in implementing hepatitis B immunization in low- and middle-income countries**
Louis-Rachid Salmi (Centre INSERM U1219 Bordeaux population health research, Universite de Bordeaux, Bordeaux, France / INSERM, ISPED, Centre INSERM U1219 Bordeaux population health research / CHU de Bordeaux, Pole de sante publique, Service d information medicale)
- P2-104 Multifactorial management of cardiovascular risk factors and mortality in diabetes and chronic kidney disease: a population-based cohort study in the UK**
Shota Hamada (Department of Primary Care & Public Health Sciences, King's College London, UK / Research Department, Institute for Health Economics and Policy)
- P2-105 Characteristics and outcomes of out-of-hospital cardiac arrest at the vehicles in Osaka City**
Kosuke Kiyohara (Department of Public Health, Tokyo Women's Medical University, Tokyo, Japan)
- P2-106 The positive association between waist circumference and new onset of diabetes mellitus in urban Japanese population: 5 year follow-up study in Habikino City**
Daisuke Sugiyama (Department of Preventive Medicine and Public Health, School of Medicine, Keio University, Tokyo, Japan)

- P2-107 Association of coffee consumption with all-site cancer incidence, all-cause mortality, and cause-specific mortality: The Three-Prefecture Cohort in Japan**
Junya Sado (Division of Environmental Medicine and Population Sciences, Osaka University, Suita, Osaka, Japan)
- P2-108 Dietary fiber intake and risk of colorectal cancer: a meta-analysis study**
Rika Senke (Hygiene and Preventive Medicine, Graduate School of Life Science, Kobe Women's University, Kobe, Japan)
- P2-109 Fatty liver index is a predictor for future incidence of hypertension in a Japanese general population**
Aya Hirata (Department of Preventive Medicine and Public Health, Keio University School of Medicine, Tokyo, Japan)
- P2-110 Associations between process quality indicators for diabetes care and the risk of dialysis initiation: A retrospective cohort study in Japan**
Atsushi Goto (Metabolic Epidemiology Section, Division of Epidemiology, Center for Public Health Sciences, National Cancer Center, Tokyo, Japan)
- P2-111 Nutrient intake from food and dietary supplements in community-living populations of Japan**
Tomoko Imai (Doshisha Womens College of Liberal Arts, Kyoto, Japan / National Center for Geriatrics and Gerontology, Japan)
- P2-113 The prevalence and relevant factors of knee pain for community-dwelling independent elderly in Japan: The complete survey**
Shinichiro Sato (Faculty of Health Sciences, University of Human Arts and Sciences, Saitama, Japan / Graduate School of Sport Sciences, Waseda University)
- P2-114 Post-diagnostic change in body mass index and breast cancer survival in postmenopausal women**
Jenny Chang-Claude (Division of Cancer Epidemiology, German Cancer Research Center (DKFZ), Germany / University Cancer Center Hamburg (UCCH), University Medical Center Hamburg-Eppendorf (UKE))
- P2-115 Variability of sex disparities in cancer incidence over thirty years**
Ghislaine Scelo (Genetic Epidemiology Group, International Agency for Research on Cancer, Lyon, France)
- P2-116 Data reliability and completeness of cancer registry information using re-abstracting method in Nation Cancer Institute, Thailand, 2012 - 2014**
Anupong Sirirungreung (Department of Military and Community Medicine, Phramongkutklao College of Medicine, Bangkok, Thailand)
- P2-117 Impact of neck circumference and prevalence of hypertension in Thai Rural community, 2016**
Apisit Kaewsanit (Department of Community Medicine, Phramongkutklao College of Medicine, Bangkok, Thailand)
- P2-118 Ovarian cancer survival by stage at diagnosis and histotype in the Million Women Study**
Kezia Gaitskell (Cancer Epidemiology Unit, University of Oxford, Oxford, UK)
- P2-119 Prevalence of abdominal obesity among Brazilian adolescents: a national school-based study**
Demilto Yamaguchi Pureza (Department of Physical Education, Federal University of Amapa, Brazil)
- P2-120 Association between excess weight and physical activity in Brazilian adolescents: a national school-based study**
Dilson Rodrigues Belfort (Department Physical Education, Federal University of Amapa, Brazil)
- P2-121 Diet quality in relation to stroke among US men with hypertension**
Sara E Raposo (Department of Nutrition, Harvard T.H. Chan School of Public Health, Boston, USA)
- P2-122 Genetic variants in lncRNA MALAT1 are associated with risk of colorectal cancer**
Yingjun Li (Department of Public health, Hangzhou Medical University, Hangzhou, China)

- P2-123 Population attributable fractions of high risk level of cardiovascular risk factors on stroke and coronary heart disease: the Circulatory Risk in Communities Study (CIRCS)**
Takumi Matsumura (Department of Public Health Nursing, University of Tsukuba, Tsukuba, Ibaraki, Japan / Department of Community Health, Faculty of Medicine, University of Tsukuba / Department of Public Health Medicine, Faculty of Medicine, University of Tsukuba)
- P2-124 Dietary intakes from 3-day weighed dietary records among pregnant participants in the Birth Cohort - Gene and ENvironment Interaction Study of TMDU (BC-GENIST)**
Hidemi Takimoto (Department of Nutritional Epidemiology, National Institutes of Biomedical Innovation, Health and Nutrition, Tokyo, Japan)
- P2-125 Epidemiology of betel nut use in the Mariana Islands: Findings from the University of Guam/ Cancer Center of Hawaii Partnership Program**
Yvette C Paulino (School of Nursing and Health Sciences, University of Guam, USA)
- P2-126 Acute-phase cardiac rehabilitation reduces the risk of cardiac events in patients with myocardial infarction: A retrospective cohort study based on administrative data in Japan**
Natsuko Kanazawa (Department of Clinical Data Management and Research, National Hospital Organization, Tokyo, Japan / Department of Health Policy and Informatics, Tokyo Medical and Dental University, Graduate School of Medicine)
- P2-127 Sex differences in trajectories of cardio-metabolic risk factors during childhood and adolescence**
Linda M O'Keefe (Integrative Epidemiology Unit, School of Social and Community Medicine, University of Bristol, UK)
- P2-128 Environmental burden of disease from ultraviolet irradiation in Korea: nationwide and localized estimation**
Myung-Jae Hwang (Department of Social and Preventive Medicine, Sungkyunkwan University School of Medicine, Suwon, Republic of Korea)
- P2-129 Comparison of bibliographic search strategies for systematic review on kidney and urinary diseases epidemiology for the Global Burden of Disease Study**
Boris Bikbov (Department of Renal Medicine, IRCCS - Istituto di Ricerche Farmacologiche Mario Negri, Bergamo, Italy)
- P2-130 Family history of gastric mucosal abnormality and the risk of gastric cancer: a population-based observational study**
Huan Song (Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Sweden)
- P2-131 Association of obesity genotype and appetite-related behaviour with BMI trajectory in midlife: Whitehall II study**
Koutatsu Maruyama (Department of Epidemiology and Public Health, University College London, UK / Department of Public health, Juntendo University Graduate School of Medicine, Tokyo, Japan)
- P2-132 The variety of dietary intake and risk of disabling dementia in Japanese: The Circulatory Risk in Communities Study (CIRCS)**
Yosuke Maezawa (Department of Public Health Medicine, University of Tsukuba, Tsukuba, Ibaraki, Japan)
- P2-133 Risk-stratified screening for colorectal cancer (CRC): A meta-regression analysis of risk prediction models for CRC and advanced neoplasia**
Lakkhina Troeung (Centre for Health Services Research, School of Population and Global Health, The University of Western Australia, Crawley, Australia)
- P2-134 Non-diagnosed hypertension prevalence rates among reproductive-age women: results from the NDFS Peru 2015**
Mahony Reategui Rivera (Division of Public Health, National University of San Marcos, School of Human Medicine, Peru / Emerge, Emerging Diseases and Climate Change Research Unit, School of Public Health and Administration, Universidad Peruana Cayetano Heredia)

- P2-135 Risk factors of cervix cancer, endometrial cancer and ovarian cancer in three-prefecture cohort study of Japan**
Rong Liu (Division of Environmental Medicine and Population Sciences, Graduate School of Medicine, Osaka University, Suita, Osaka, Japan)
- P2-136 Dietary patterns and adult testicular function in Western Australian (Raine) birth cohort**
Milica Ognjenovic (Division of Public Health, University of Western Australia, Australia)
- P2-137 Relationship of mothers' life style and dietary habits on the feeding method of their 1- month old infants in Japan**
Katsushi Yoshita (Department of Food and Human Health Science, Osaka City University, Graduate School of Human Life Science, Osaka, Japan)
- P2-138 Relationship between physical exercise and sleep in people who underwent a health checkup in Japan**
Yoshinori Kitabatake (Department of Health Sciences, Saitama Prefectural University, Koshigaya, Saitama, Japan)
- P2-139 Association between four season's average of urinary sodium excretion in 24-hours and salty foods in a food frequency questionnaire: the J-MICC Sakura Diet Study**
Chiho Goto (Department of Health and Nutrition, Nagoya Bunri University, Aichi, Japan)
- P2-140 Smoking and risk of nasopharyngeal carcinoma: preliminary results from a hospital-based case-control study in Hong Kong, China**
Shing-Chun Chiang (School of Public Health, The University of Hong Kong, Hong Kong S.A.R., China / Centre for Nasopharyngeal Carcinoma Research, The University of Hong Kong, Hong Kong S.A.R., China)
- P2-141 Time to recurrence after first ever stroke within three years and its risk factors in Chinese population**
Ping Zhu (Department of Epidemiology and Biostatistics, SiChuan University, China)
- P2-142 Intake of fish oil/cod-liver oil/omega-3 and vitamin D supplements associated with lower risk of nasopharyngeal carcinoma: preliminary results from a case-control study in Hong Kong**
Zhi-Ming Mai (School of Public Health, The University of Hong Kong, Hong Kong S.A.R., China / Center for Nasopharyngeal Carcinoma Research, The University of Hong Kong, Hong Kong S.A.R., China)
- P2-143 Exploring the mechanism of socioeconomic inequalities in rectal cancer referral in London, England using mediation analysis**
Mari Kajiwara (Faculty of Epidemiology and Population Health, London School of Hygiene and Tropical Medicine, Oxford, UK)
- P2-144 Enduring health effects of asbestos exposure in Amagasaki, Japan: a population-based cohort study of cause-specific mortality (2002-2012)**
Ling Zha (Division of Environmental Medicine and Population Sciences, Osaka University, Suita, Osaka, Japan)
- P2-145 Stroke Incidence in rural Malawi**
Alison Price (Infectious Disease Epidemiology, LSHTM, UK)
- P2-146 Blood pressure and Mortality: A Prospective Study in China**
Jian-Bing Wang (Department of Epidemiology and Health Statistics, Zhejiang University, Hangzhou, Zhejiang, China)
- P2-148 Lack of physical activity in patients with type 2 diabetes mellitus attending a mutual aid group in Ensenada Mexico**
David Sergio Salas-Vargas (School of Medicine and Psychology, Universidad Autonoma de Baja California, Mexico)
- P2-149 Weight change since age 20 and endometrial cancer risk in a pooled analysis of the Miyagi Cohort Study and Ohsaki Cohort Study**
Mano Wakamatsu (Division of Epidemiology, Department of Health Informatics and Public Health, Tohoku University school of Public Health, Graduate School of Medicine, Sendai, Miyagi, Japan)
- P2-150 Does Living Close to a Freight Railyard Increase Likelihood of Children Using Emergency Room Services for Asthma?**
Marco Pasco-Rubio (School of Public Health, Loma Linda University, USA)

- P2-151 The number of thromboembolism patients among of female hormone users estimated from a national epidemiological survey in Japan**
Kazuko Sugiura (Department of Reproductive Health Nursing / Midwifery, Nagoya City University Graduate School of Nursing, Nagoya, Aichi, Japan)
- P2-152 Comparative dietary exposure assessment of selected heterocyclic amines and polycyclic aromatic hydrocarbons through meat and bread consumption in the United States**
Francisco Zagmutt (Risk Analysis Consulting, EpiX Analytics LLC, USA)
- P2-153 Prospective association of dietary and nutrient patterns with fractures: findings from the China Health and Nutrition Survey**
Yohannes Adama Melaku (School of Medicine, The University of Adelaide, Highgate, Australia)
- P2-154 Cancer incidence and survival among individuals born small (SGA) or large (LGA) for gestational age in Denmark years 1979-2011**
E. Christina M. Wennerstrom (Department of Epidemiology Research, Statens Serum Institute, Copenhagen, Denmark)
- P2-155 Associations of participation in social activity with physical activity and sedentary time among older adults living in metropolitan areas in Japan: a cross-sectional study**
Satoshi Seino (Research Team for Social Participation and Community Health, Tokyo Metropolitan Institute of Gerontology, Tokyo, Japan)
- P2-156 Evaluation of the AirGIS dispersion modelling system against measured data on PM2.5 and PM10 from two separate measurement campaigns in Denmark**
Ulla Arthur Hvidtfeldt (Diet, Genes and Environment, Danish Cancer Society Research Center, Copenhagen, Denmark)
- P2-157 Epidemiology and survival curves of colorectal cancer in Lebanon: A retrospective hospital-based cohort study**
Mary Elias Deeb (Gilbert and Rose-Marie Chagoury School of Medicine, Lebanese American University Medical Center-Rizk Hospital, Beirut, Lebanon)
- P2-158 Breast cancer risk based on Body Mass Index by tumor subtypes among Korean women**
SeokHun Jeong (Preventive Medicine, Seoul National University College of Medicine, Seoul, Republic of Korea)
- P2-159 Dietary factors and female breast cancer risk: a prospective cohort study in Korea**
Ji Hyun Kim (Department of Cancer Biomedical Science, Graduate School of Cancer Science and Policy, National Cancer Center, Republic of Korea)
- P2-160 Interaction between physical activity and colorectal cancer risk by *pitx1* rs647161 genetic polymorphism in a korean population: a case-control study**
Madhawa Neranjan Gunathilake Puwakella Durayalage (Department of Cancer Control and Population Health, Graduate School of Cancer Science and Policy, National Cancer Center, Republic of Korea)
- P2-161 Egg consumption and risk of metabolic syndrome in Korean adult: results from the Health Examinees Study**
Sangah Shin (Institute of Environmental Medicine, Seoul National University Medical Research Center, Republic of Korea / Department of Preventive Medicine, Seoul National University College of Medicine)
- P2-162 Impact of sugar sweetened beverage consumption on type 2 diabetes incidence in Ireland**
Kate Nuala O'Neill (Department of Epidemiology & Public Health, University College Cork, Cork, Ireland)
- P2-163 Variability of Mammographic density and body mass index in Spanish women: Var-DDM study**
Ana Maria Pedraza-Flechas (Cancer and Environmental Epidemiology Unit, National Center for Epidemiology, Carlos III Institute of Health, Madrid, Spain)
- P2-164 Family history of cancer and the risk of nasopharyngeal carcinoma: preliminary results from a hospital-based case-control study in Hong Kong, China**
Jiahuang Lin (School of Public Health, The University of Hong Kong, Hong Kong S.A.R., China / Center for Nasopharyngeal Carcinoma Research, The University of Hong Kong, Hong Kong S.A.R., China)
- P2-165 Period prevalence of cerebrovascular and heart disease is estimated based on medical claim with health checkups information among 996, 637 employees in Japan**
Masayo Yamato (Department of Epidemiology, Infectious Disease Control and Prevention, Hiroshima University, Hiroshima, Japan)

P2-166 Low Systolic Blood Pressure and Increased Respiratory Mortality Risk in Korean Healthy Population: A Prospective Cohort Study

Jeoungbin Choi (Department of Preventive Medicine, Seoul National University College of Medicine, Seoul, Republic of Korea)

P2-167 Predicted sun protection effectiveness and use of various headgear

Claudine Backes (Institute for Work and Health, University of Lausanne, Switzerland / Institute for Work and Health, Lausanne / Institute for Social and Preventive Medicine, Lausanne)

P2-168 Breakfast quality and cardiometabolic risk profiles in a middle-aged German population

Khalid Iqbal (Department of Epidemiology, German Institute of Human Nutrition Potsdam-Rehbruecke (DIfE), Germany)

Rose Room, Palace Hotel OMIYA

18:30-20:30

Banquet "Japan Night"

Tuesday, August 22, 2017

Room A

8:30-10:00

Symposium 26

Opening new era in epidemiology with clinical big data

Moderator: Hirohito Sone (Department of Hematology, Endocrinology and Metabolism, Niigata University Faculty of Medicine, Niigata, Japan)

S26-1 Big data and drug safety evaluation

K. Arnold Chan (Health Data Research Center, National Taiwan University, Taipei, Taiwan)

S26-2 Big data analyses for epidemiological research in rheumatology

Masayoshi Harigai (Professor of Division of Epidemiology and Pharmacoepidemiology, Institute of Rheumatology, Tokyo Women's Medical University, Tokyo, Japan)

S26-3 Big data applications in diabetes and cardiovascular disease

Kazuya Fujihara (Department of Hematology, Endocrinology and Metabolism, Niigata University, Niigata, Japan)

S26-4 Statistical issues in clinical epidemiology with big data

Shiro Tanaka (Department of Clinical Biostatistics, Graduate School of Medicine Kyoto University, Kyoto, Japan)

Room A

10:00-12:00

Symposium 27

Tuberculosis molecular epidemiology –Outcome and perspective of collaborative research in East Asia

Moderators: Qian Gao (School of Basic Medical Science, Fudan University, Shanghai, China)

Seiya Kato (Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association, Kiyose, Japan)

S27-1 Study of tuberculosis transmission in China

Yanlin Zhao (National Center for Tuberculosis Control and Prevention, Chinese Centre for Disease Control and Prevention, Beijing, China)

S27-2 Whole-Genome Sequencing Reveals Recent Transmission of Multidrug-Resistant *Mycobacterium tuberculosis* in China

Qian Gao (School of Basic Medical Science, Fudan University, Shanghai, China)

S27-3 Detection of putative expanding cluster types by molecular epidemiological study and scrutinizing them by whole genome sequences

Tomotada Iwamoto (Department of Infectious Diseases, Kobe Institute of Health, Kobe, Japan)

S27-4 Molecular Epidemiology of *Mycobacterium Tuberculosis* and its Historical Trends in South Korea from 1994 to 2006

Hongjo Choi (Department of Research and Development, The Korean Institute of Tuberculosis, Korean National Tuberculosis Association, Cheongju, Republic of Korea)

S27-5 Molecular epidemiology of multidrug-resistant tuberculosis in Taiwan, 2012-2015

Pei-Chun Chuang (Tuberculosis Research Center & Reference Laboratory of Mycobacteriology, Taiwan Centers for Disease Control, Taipei, Taiwan)

S27-6 Establishment of the Asian Tuberculosis Genome Database: Genome Research for Asian Tuberculosis (GReAT)

Takemasa Takii (Department of Mycobacterium Reference and Research, Research Institute of Tuberculosis (RIT), Japan Anti-Tuberculosis Association (JATA), Kiyose, Japan)

Room A 15:10-15:40

Plenary Lecture 3

Epidemiology of interpersonal violence: looking at different ages and places

Moderator: Chandra Mani Pandey (Next President-elect, IEA / Department of Biostatistics and Health Informatics, Post Graduate Institute of Medical Sciences, Lucknow, Uttar Pradesh, India)

PL3 Epidemiology of interpersonal violence: looking at different ages and places

Henrique Barros (President-elect, IEA / Full Professor, Medical School and Institute of Public Health, University of Porto, Porto, Portugal)

Room A 15:40-15:50

Richard Doll Lecture (Video)

Moderator: Henrique Barros (President-elect, IEA / Full Professor, Medical School and Institute of Public Health, University of Porto, Porto, Portugal)

RDL George Davey Smith (Professor of Clinical Epidemiology, School of Social and Community Medicine, University of Bristol, Bristol, UK)

Room A 15:50-16:20

Closing Ceremony

Room B 8:30-10:30

Symposium 28

Geriatric epidemiology in Japan: Care prevention, Social determinants of health, Dementia and depression

Moderators: Ichiro Tsuji (Department of Health Informatics & Public Health, Tohoku University Graduate School of Medicine, Sendai, Japan)

Seiji Yasumura (Department of Public Health, Fukushima Medical University School of Medicine, Fukushima, Japan)

S28-1 Prevention strategy for the long-term care state among the community elderly in Japan

Takao Suzuki (Institute of Gerontology, J. F. Oberlin University, Japan)

S28-2 Prevention and Intervention of Dementia and Depression in Japan

Shuichi Awata (Tokyo Metropolitan Institute of Gerontology, Research Team Promoting Independence of the Elderly, Japan)

S28-3 Sarcopenia and Frailty: Current Situations and Future Perspective in Japan

Hidenori Arai (National Center for Geriatrics and Gerontology, Japan)

S28-4 Social determinants of health in older people

Katsunori Kondo (Center for Preventive Medical Sciences, Chiba University, Chiba, Japan)

Room B 10:30-11:30

Special Lecture 3

Epidemiological studies for atomic bomb radiation

Moderator: Kazuo Tajima (Visiting Professor, Department of Public Health and Occupational Medicine, Mie University Graduate School of Medicine, Tsu, Japan)

SL3 Late health effects among atomic bomb survivors

Kotaro Ozasa (Department of Epidemiology, Radiation Effects Research Foundation, Hiroshima, Japan)

Room B

11:50-12:50

Lunch Time Seminar 7

Sponsored by Tenga Healthcare Inc.

Home sperm test - A novel device for male infertility screening with smartphone**Moderator: Kunio Kitamura** (Japan Family Planning Association, Inc.)

Yoshitomo Kobori (Department of Urology, Dokkyo Medical University Koshigaya Hospital)

Room B

13:00-15:00

Symposium 29**Development of Indicator and management for building Age Friendly Communities****Moderators: Katsunori Kondo** (Professor, Center for Preventive Medical Sciences, Chiba University, Chiba, Japan)
Sarah Barber (Director, WHO Centre for Health Development, Kobe, Japan)**S29-1 WHO Global Strategy and Action Plan on Ageing and Health**

Sarah Barber (Director, WHO Centre for Health Development, Kobe, Japan)

S29-2 Utilization of Community Diagnosis Tools toward cross-sectoral collaborations in Kobe, Japan

Naoki Kondo (Associate Professor, Department of Health Education and Health Sociology, School of Public Health, The University of Tokyo, Tokyo, Japan)

S29-3 Influent Factors of Functional Capability and Subjective Well-being of elderly in Shanghai

Fu Hua (Professor and Director, Fudan Health Communication Institute, School of Public Health, Fudan University, Shanghai, China)

S29-4 WHO Core indicators of age-friendliness

Megumi Rosenberg (Technical Officer, WHO Centre for Health Development, Kobe, Japan)

S29-5 Extending indicators to dementia-friendliness

Toshiyuki Ojima (Professor, Department of Community Health and Preventive Medicine, Hamamatsu University school of Medicine, Hamamatsu, Japan)

Room C

8:30-11:00

Symposium 30**Factors determining success versus failure in the implementation of an HPV vaccine programme *Funded by the Japan Society for the Promotion of Science****Moderators: Sharon J. B. Hanley** (Dept. of Women's Health Medicine, Graduate School of Medicine, Hokkaido University, Japan)
Eduardo L. Franco (Department of Oncology, Division of Cancer Epidemiology, McGill University, Canada)**S30-1 Preventing cervical cancer, why screening alone is not enough**

Sharon J. B. Hanley (Dept. of Women's Health Medicine, Graduate School of Medicine, Hokkaido University, Japan)

S30-2 Successful introduction of the HPV vaccine into Bhutan's routine immunization program

Tanjin Dorji (Chief, Healthcare and Diagnostics Division, Department of Medical Services, Ministry of Health, Bhutan)

S30-3 School based HPV vaccination: Why it works for Malaysia

Saidatul Norbaya Buang (Chief Senior Assistant Director, Family Health Development Division, Ministry of Health, Malaysia)

S30-4 The success of the HPV vaccination program in Australia: public trust and the importance of effective public health practices to support vaccination

Julia M. L. Brotherton (Director, National HPV Vaccination Program Register, Victorian Cytology Service, Australia)

S30-5 Why the Scottish HPV Immunisation Programme is successful: perspectives on maximizing and maintaining uptake

Sharon J. B. Hanley (Dept. of Women's Health Medicine, Graduate School of Medicine, Hokkaido University, Japan)

S30-6 HPV vaccination in Denmark: Pre-vaccination morbidity should be considered in the evaluation of HPV vaccine safety signals

Palle Valentiner-Branth (Head of Surveillance, Dept. of Infectious Disease Epidemiology & Prevention, Statens Serum Institut, Denmark)

S30-7 HPV vaccine - separating fact from fiction in Ireland

Brenda Corcoran (Director, National Immunisation Office, Health Service Executive, Ireland)

S30-8 Association between HPV vaccine and reported post-vaccination symptoms: Subgroup analyses of the Nagoya Study

Sadao Suzuki (Dept. of Public Health, Graduate School of Medicine, Nagoya University, Japan)

S30-9 A nationwide epidemiologic survey of adolescent patients with diverse symptoms including pain and motor dysfunction

Tomotaka Sobue (Dept. of Social and Environmental Medicine, Graduate School of Medicine, Osaka University, Japan)

Room C

13:00-14:30

Symposium 31

Desertification and Health: Human-Animal-Land Interaction in East Asia

Moderator: Shinji Otani (International Platform for Dryland Research and Education, Tottori University, Japan)

S31-1 Characteristics of aeolian dust emission and its controlling factors in East Asia

Yasunori Kurosaki (Arid Land Research Center, Tottori University, Japan)

S31-2 Health situation of population residing in Gobi-desert region and other areas of Mongolia

Dambadarjaa Davaalkham (Department of Epidemiology and Biostatistics, School of Public Health, Mongolian National University of Medical Sciences, Mongolia)

S31-3 Adverse effects of inhaled sand dust particles on the respiratory organs of sheep and goats in Mongolia

Akinori Shimada (Department of Pathology, Azabu University, Japan)

S31-4 Assessing health risks of exposure to Asian dust and health forecast using aerosol model among healthy individuals

Kazunari Onishi (Center for Birth Cohort Studies, Interdisciplinary Graduate school of Medicine, University of Yamanashi, Japan)

Room D

8:30-10:30

Symposium 32

Social determinants of health: translating evidence into action

Moderators: Hiroyasu Iso (Professor of Public Health, Department of Social Medicine, Osaka University Graduate School of Medicine, Osaka, Japan)

Eric Brunner (Professor of Social and Biological Epidemiology, UCL Department of Epidemiology and Public Health, London, UK)

S32-1 Social determinants of health translating evidence into action: UK experiences

Eric Brunner (Professor of Social and Biological Epidemiology, UCL Department of Epidemiology and Public Health, London, UK)

S32-2 Childhood poverty and health: what policy makers should know

Takeo Fujiwara (Professor, Department of Global Health Promotion, Tokyo Medical and Dental University, Tokyo, Japan)

S32-3 Health disparities in adult and older individuals in Japan: evidence for action

Naoki Kondo (Department of Health Education and Health Sociology, School of Public Health, The University of Tokyo, Japan)

S32-4 How does gender impact on the health disparities in Japan?

Kaori Honjo (Professor of Psychology and Behavior Sciences, Osaka Medical College, Takatsuki, Japan)

Room D

13:00-15:00

Symposium 33**Social Determinants of Health: Results from International Comparative Studies of British, Finnish, and Japanese Civil Servants****Moderators:** Eero Lahelma (University of Helsinki, Finland)

Tarani Chandola (University of Manchester, UK)

S33-1 Social Determinants of Health: Role of Psychosocial Stress at Work and Family Life

Michikazu Sekine (Department of Epidemiology and Health Policy University of Toyama, Japan)

S33-2 Social determinants of health behaviours and obesity: longitudinal studies

Eero Lahelma (Department of Public Health University of Helsinki, Finland)

S33-3 Social determinants of mental health in cultural contexts: an example of social contacts

Noriko Cable (Department of Epidemiology and Public Health, University College London, UK)

S33-4 Why are international comparative studies important for understanding the social determinants of health?

Tarani Chandola (Cathie Marsh Institute and Social Statistics, University of Manchester, UK)

Room F

9:30-10:30

Oral 36**Nutrition****Moderator:** George G Rhoads (School of Public Health, Rutgers University, NJ, USA)**O36-1 Differences in healthy eating attitudes by social factors in Japanese adults: NIPPON DATA 2010**

Sayuri Goryoda (The Disease Prevention Science Course, Tokyo Medical and Dental University, Tokyo, Japan / National Institute of Biomedical Innovation, Health and Nutrition)

O36-2 Body size across life and leukocyte telomere length: Findings from the 1946 British birth cohort

Wahyu Wulaningsih (MRC Unit for Lifelong Health and Ageing, University College London, UK)

O36-3 Associations between Eating Behavior and Nutritional Intake in Japanese with Metabolic Syndrome

Akemi Morita (Department of Nutrition, Koshien University, Takarazuka, Hyogo, Japan)

O36-4 Contribution to the understanding of how PCA-derived dietary patterns emerge from habitual data on food consumption

Carolina Schwedhelm (Department of Epidemiology, German Institute of Human Nutrition, Nuthetal, Germany)

O36-5 The Effect of Partial Gastrectomy on Late Incidence of Diabetes and Insulin Resistance in the Honolulu Heart Study

George G Rhoads (School of Public Health, Rutgers University, NJ, USA)

Room F

10:30-11:30

Oral 37

Physical activities

Moderators: Alex Antonio Florindo (School of Arts, Sciences and Humanities, University of Sao Paulo, Brazil / Graduate Program in Nutrition in Public Health, Department of Nutrition / School of Public Health / University of Sao Paulo, Brazil)

Bo-Cheng Lin (Research Center for Humanities and Social Sciences, Academia Sinica, Taipei, Taiwan)

O37-1 Objectively-measured neighborhood walkability and change in physical activity of Japanese older adults: a five-year cohort study

Hiroyuki Kikuchi (Department of Preventive Medicine and Public Health, Tokyo Medical University, Tokyo, Japan)

O37-2 Built environment and physical activity in Sao Paulo city, Brazil

Alex Antonio Florindo (School of Arts, Sciences and Humanities, University of Sao Paulo, Brazil / Graduate Program in Nutrition in Public Health, Department of Nutrition, School of Public Health, University of Sao Paulo, Brazil)

O37-3 Physical activity among dubai population, prevalence and associated factors

Hamed Y Hussien (Public Health, Faculty of Medicine, University of Baghdad, Baghdad, Iraq)

O37-4 The association between community greenspace and fasting glucose from a large cohort study in Taiwan

Bo-Cheng Lin (Research Center for Humanities and Social Sciences, Academia Sinica, Taipei, Taiwan)

O37-5 Validity of the Global Physical Activity Questionnaire (GPAQ) in rural and urban population: the case of Bangladesh

Shirin Jahan Mumu (School of Science & Health, Western Sydney University, Australia / Dept of Epidemiology, Bangladesh University of Health Sciences (BUHS), Bangladesh)

Room G

8:30-9:30

Oral 38

Epidemiological methodology 2

Moderator: TBD

O38-1 Statistical approach which allows varying effects of time-dependent covariates during long-term follow-up in cohort studies

Kazutaka Doi (Radiological Science Research and Development Directorate, National Institute of Quantum and Radiological Science and Technology, Chiba, Japan)

O38-2 Innovative research strategies for studying the effectiveness of eHealth interventions: a methodological review

Ram Chandra Bajpai (Centre for Population Health Sciences (CePHaS), Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore)

O38-3 External adjustment of unmeasured confounders in a case-control study of benzodiazepines and cancer risk (Denmark)

Lau Caspar Thygesen (National Institute of Public Health, University of Southern Denmark, Copenhagen, Denmark)

O38-4 Prevalence of gestational diabetes mellitus in India: A systematic review and meta-analysis

Mohan Bairwa (Public Health and Epidemiology, Institute of Health Management Research, IIMR University, Jaipur, India)

Room G

9:30-10:30

Oral 39

Epidemiological methodology 3

Moderator: Alinune Nathanael Kabaghe (School of Public Health and Family Medicine, College of Medicine, University of Malawi, Malawi / Academic Medical Center, University of Amsterdam, Netherlands)

O39-1 Evaluating the completeness of HIV surveillance using capture-recapture models, Alameda County, California USA

Paul Douglas Wesson (Division of Prevention Science, University of California, San Francisco, CA, USA)

O39-2 Adaptive geostatistical sampling enables efficient identification of malaria hotspots in repeated cross-sectional surveys in Malawi

Alinune Nathanael Kabaghe (School of Public Health and Family Medicine, College of Medicine, University of Malawi, Malawi / Academic Medical Center, University of Amsterdam, Netherlands)

O39-3 Using linked primary care data to assess bias due to dropout: estimating the association between smoking in pregnancy and offspring depression in a UK cohort

Rosie P Cornish (School of Social and Community Medicine, University of Bristol, UK)

O39-4 The weekly associations between climatic factors and *P. vivax* and *P. falciparum* malaria in China, 2005-2014

Samuel Haile Hundessa (Division of Epidemiology and Biostatistics, The University of Queensland, Australia)

Room G

10:30-11:30

Oral 40

Epidemiological methodology 4

Moderator: Ravindra Mohan Pandey (Department of Biostatistics, All India Institute of Medical Sciences, New Delhi, India)

O40-1 The methodology for a composite indicator of global safety, i.e. freedom from unintentional injury

David Stuart Wroth (Public Safety Office, Underwriters Laboratories Inc., Northbrook, IL, USA)

O40-2 How to summarize exposure to adiposity for the prediction of metabolic outcomes? A study in the EPITeen cohort, Portugal

Joana Araujo (Epidemiology Research Unit (EPIUnit), Instituto de Saude Publica, Universidade do Porto, Portugal)

O40-3 Comparison of statistical models for prognostication of patients with traumatic brain injury in India

Ravindra Mohan Pandey (Department of Biostatistics, All India Institute of Medical Sciences, New Delhi, India)

O40-4 Assessment of nonresponse bias in smoking prevalence by sex and age in the 2013 Japan National Health and Nutrition Survey

Nayu Ikeda (Center for International Collaboration and Partnership, National Institute of Health and Nutrition, National Institutes of Biomedical Innovation, Health and Nutrition, Tokyo, Japan)

Room G

13:00-14:00

Oral 41

Infectious diseases 2

Moderator: Timo Smieszek (Statistics, Modelling and Economics Department, Public Health England, London, UK / Department of Infectious Disease Epidemiology, Imperial College London)

O41-1 Incidence and risk factors associated with Blastocystis infection in a rural community, Thailand

Warit Chuengdee (Department of Parasitology, Phramongkutklao College of Medicine, Bangkok, Thailand)

- O41-2 Use of antibiotics by condition in English primary care and potentials for reducing antibiotic prescribing**
Timo Smieszek (Statistics, Modelling and Economics Department, Public Health England, London, UK / Department of Infectious Disease Epidemiology, Imperial College London)
- O41-3 Antimicrobial Stewardship Intervention in an Orthopaedics Department of a Tertiary Care Hospital: a Controlled Interrupted Time Series Study**
Margarida Tavares (Department of Infectious Diseases, Centro Hospitalar Sao Joao, Porto, Portugal)
- O41-4 The change of Japanese vaccination system and its influence on the excess mortality from influenza: mandatory mass schoolchildren vaccination or optional vaccination?**
Kenichi Ohmi (Department of Health Promotion, National Institute of Public Health, Saitama, Japan)
- O41-5 Vaccination coverage in Low and Middle Income Countries**
Olatunji Adetokunboh (Division of Community Health, Stellenbosch University, Cape Town, South Africa)

Poster Presentation Room

11:50-12:50

Poster Presentation 3

- P3-1 Are maternal deaths underreported?-A community based study from a mountainous state of India**
Anupam Parashar (Department of Community Medicine, Indira Gandhi Medical College & Hospitals, Shimla, India)
- P3-2 High total energy consumption during early pregnancy is not associated with fetal macrosomia but excessive gestational weight gain in Chengdu: a multicenter prospective cohort study**
Xiong-Fei Pan (Department of Epidemiology and Biostatistics, School of Public Health, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China)
- P3-3 Use of Mobile phones and other factors associated with involvement in road traffic accidents by vehicle drivers in Abuja, Nigeria, 2015**
Abimbola F. Aman-Oloniyo (Public Health, Walden University, Abuja, Nigeria)
- P3-4 Effect of caesarean section on breastfeeding practices in China: a systematic review and meta-analysis**
Jian Zhao (Department of Epidemiology and Biostatistics, Curtin University, Perth, Australia)
- P3-5 Epidemiological investigation of intentional exogenous intoxication among adolescents in the city of Curitiba Brazil**
Milena da Costa (Faculdades Pequeno Principe, Brazil)
- P3-6 Association between cesarean delivery and obesity in children and adolescent in China: a national survey**
Jingjing Liang (School of Public Health, Sun Yat-Sen University, Guangzhou, China)
- P3-7 Iron, Folic Acid and Vitamin B-12 Deficiencies in Children of 11-18 Years of Age in India**
Umesh Kapil (Human Nutrition Unit, All India Institute of Medical Sciences, India)
- P3-8 Coagulation factors and the risk of ischemic heart disease: a Mendelian randomization study**
Jie V. Zhao (School of Public Health, The University of Hong Kong, Hong Kong SAR)
- P3-9 Evaluating the causal effect of vitamin D on pregnancy-induced hypertension and pre-eclampsia using a Mendelian Randomization approach**
Maria Christine Magnus (MRC Integrative Epidemiology Unit, University of Bristol, UK / School of Social and Community Medicine, University of Bristol, Bristol / Domain for Mental and Physical Health, Norwegian Institute of Public health, Oslo, Norway)
- P3-10 Life course body size, age at menarche and DNA methylation age in mid-life; Findings from a British birth cohort**
Jane Maddock (MRC Unit for Lifelong Health and Ageing, University College London, UK)

- P3-11 Oral Health Information in the syllabus of three major secondary school boards in Karnataka, India - A Content Analysis**
Harikiran Govindaraju Arkalgud (Department of Public Health Dentistry, D.A.P.M.R.V.Dental College and Hospital, India)
- P3-12 Relationship between Self-Rated Health and Food Habits in High School Students**
Tomoko Osera (Hygiene and Preventive Medicine, Graduate School of Life Science, Kobe Women's University, Kobe, Japan / Takakuradai Kindergarten attached to Kobe Women's University)
- P3-13 Pain problems of patients with chronic obstructive pulmonary disease from urban Chinese communities**
Tian Xiao (School of Public Health, Key Laboratory of Public Health Safety, and Pudong Preventive Medicine Institute, Fudan University, Shanghai, China)
- P3-14 Birth weight and childhood adiposity: a spurious association due to confounding by twins' shared factors? - evidence from a study among Portuguese twins**
Henrique Barros (Institute of Public Health, University of Porto, Portugal)
- P3-15 Snakebites in Cameroon, between exposure and use of traditional cares**
Justin Bienvenu Eyong (Division of Public health, Cameroon Society of Epidemiology (CaSE), Cameroon / African Epidemiological Association (AEA), Lilongwe, Malawi)
- P3-16 The association between work-life balance, inflammatory markers and depressive symptoms in the Whitehall II study, United Kingdom**
Tahera Razavi (Epidemiology and Public Health, University College London, UK)
- P3-17 Serum gamma-glutamyl transferase and cardiovascular disease risk factors in older Chinese: a Mendelian randomization study**
Lin Xu (School of Public Health, Li Ka Shing Faculty of Medicine, The University of Hong Kong, Hong Kong SAR, China)
- P3-18 Study of risk factors of pre-eclampsia: a hospital based case control study in marathwada region of India**
Mohan Kondiba Doibale (Community Medicine, Govt. Medical College, Aurangabad, Maharashtra, India)
- P3-19 Mothers' dietary intake and behaviors in Japan**
Yukie Iizuka (Graduate School of Medicine, Osaka University, Suita, Osaka, Japan)
- P3-20 Determinants of waterpipe tobacco smoking among Lebanese women**
Karim N. Daou (Department of Epidemiology and Population Health, Faculty of Health Sciences, American University of Beirut (AUB), Beirut, Lebanon)
- P3-21 Adversity in childhood and measures of ageing in mid-life: Evidence from a prospective cohort study of women**
Emma L Anderson (School of Social and Community Medicine, University of Bristol, UK)
- P3-22 Is 40 the New 30? Age-period-cohort effects in pre-existing and pregnancy-associated disease in primiparous women in the United States**
Amy Metcalfe (Department of Obstetrics and Gynecology, University of Calgary, Canada / Department of Medicine, University of Calgary / Department of Community Health Sciences, University of Calgary)
- P3-23 The effect of a smoking ban on university students' smoking and exposure to secondhand smoke: a two-year longitudinal study**
Hiroko Tobari (Department of Pharmacy, Tokyo University of Pharmacy and Life Sciences, Tokyo, Japan / Department of Public Health Medicine, Graduate School of Comprehensive Human Sciences, and Institute of Community Medicine, University of Tsukuba)
- P3-24 Perceptions of the work by those who are adopted as a civil servant**
Keiko Fujiwara (Division of Public health, University of Human Environments Graduate School Department of Nursing Research, Obu, Aichi, Japan)

- P3-25 The simplified autism spectrum disorder screening effects in health examination for starting primary school**
Atsushi Toki (Community Health and Preventive Medicine, Hamamatsu University School of Medicine, Hamamatsu, Shizuoka, Japan)
- P3-26 Associations between smart device usage of Hong Kong children and adolescents and their caregivers: A population-based cross-sectional study**
Paul H Lee (School of Nursing, Hong Kong Polytechnic University, Hong Kong SAR)
- P3-27 Heart rate variability reactivities to acute stress and sickness absence among Japanese men and women: a prospective study**
Kumi Hirokawa (Department of Nursing, Baika Women's University, Ibaraki, Osaka, Japan / Graduate School of Medicine, Osaka University)
- P3-28 The effect of health-checks for 5year olds' in the early deflection of developmental disorders**
Yoriko Noujima (Public health, Shubun University, Aichi, Japan)
- P3-29 A comparative study of Automated Blood Pressure monitor and Mercury free LED Sphygmomanometer Device in establishing concordance and validity**
Shashi Bhushan Singh (Department of Preventive and Social Medicine, Rajendra Institute of Medical Sciences, Bariyatu, Ranchi, Jharkhand, India)
- P3-30 Association between dental caries and growth in Korean children**
Dong-Hun Han (Department of Preventive and Social Dentistry, Seoul National University, Seoul, Republic of Korea)
- P3-31 Associations between Job Stress and Lifestyle Behaviors**
Katsunori Adachi (Psychiatric Nursing, Department of Nursing, Shubun University, Aichi, Japan / Department of Occupational Health, Gifu University Graduate School of Medicine)
- P3-32 Mid-regional pro-adrenomedullin levels are associated with progression of deep white matter lesions in the brain accompanying cognitive decline**
Nagato Kuriyama (Department of Epidemiology for Community Health and Medicine, Kyoto Prefectural University of Medicine, Kyoto, Japan)
- P3-33 Association of Age with Refractive Change: 5 Years Prospective Study against 287, 019 Japanese Eyes**
Masao Yoshida (Department of Public Health, Kyorin University School of Medicine, Tokyo, Japan)
- P3-34 Partners' functional disability and psychological distress in elderly Japanese: The Ohsaki Cohort 2006 Study**
Toshimasa Sone (Department of Rehabilitation, Faculty of Health Science, Tohoku Fukushi University, Sendai, Japan / Division of Epidemiology, Department of Health Informatics and Public Health, Tohoku University School of Public Health, Graduate School of Medicine)
- P3-35 Factors related to subjective physical fitness of schoolchildren: A longitudinal study**
Yuko Sawada (Division of Physical Therapy, Morinomiya University of Medical Sciences, Osaka, Japan)
- P3-36 Estimated prevalence of ulcerative colitis and Crohn's disease in Japan in 2014: a nationwide survey**
Yoshitaka Murakami (Department of Medical Statistics, Toho University, Tokyo, Japan)
- P3-37 Genome wide association study on pollinosis in a Japanese population: The J-MICC Study**
Ryosuke Fujii (Department of Pathophysiological Laboratory Sciences, Nagoya University Graduate School of Medicine, Nagoya, Aichi, Japan)
- P3-38 Health-related quality of life and total knee or hip replacement in persons with osteoarthritis: A case-control study**
Jacek A. Kopec (School of Population and Public Health, University of British Columbia, Canada / Arthritis Research Canada)

- P3-39 Impact of Cystatin C and Microalbuminuria on Cognitive Impairment in the Population of Community-Dwelling Japanese**
Hisashi Adachi (Department of Internal Medicine, Division of Cardio-Vascular Medicine, Kurume University School of Medicine, Kurume, Fukuoka, Japan)
- P3-40 Prevalence and Factors Associated with Healthcare Service Use among Chinese Elderly with Disabilities**
Xiaoying Zheng (Institute of Population Research, APEC Health Science Academy, Peking University, China)
- P3-41 Benefits of Bathing in Nagayu hot spring**
Yasuaki Goto (Onsen Medical Science Research Center, Japan Health & Research Institute, Tokyo, Japan / Hamamatsu Medical University)
- P3-42 Reasons of an Unavailability of an End-of-Life Care Bonus in Japanese Nursing Homes**
Sho Nishiguchi (School of Medicine, Yokohama City University, Yokohama, Kanagawa, Japan / Department of General Internal Medicine, Shonan Kamakura General Hospital)
- P3-43 Changes in child-rearing environment and prevention of maltreatment for pre-school children: Evidence from the 15 years Cohort Study**
Emiko Tanaka (Faculty of Medicine, University of Tsukuba, Tsukuba, Ibaraki, Japan / Japan Society Promotion Science)
- P3-44 Depressive symptoms and future ADL dependence in older Japanese: the Kurabuchi Study**
Takahiro Nakamura (Division of Environmental and occupational health, Department of Social medicine, Toho University, Tokyo, Japan)
- P3-45 Clinical manifestations and treatment of Behcet's disease in Japan: Analysis of a clinical database of patients receiving financial aid for treatment**
Michiko Kurosawa (Department of Epidemiology and Environmental Health, Juntendo University Faculty of Medicine, Tokyo, Japan)
- P3-46 Cardiovascular diseases and associated factors among the elderly in Sao Paulo, Brazil, 2000-2010**
Kaio Massa (Department of Epidemiology, School of Public Health, University of Sao Paulo, Brazil)
- P3-47 Shared etiology between attention-deficit/hyperactivity disorder and severe obesity**
Qi Chen (Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Sweden)
- P3-48 Efficacy of a roleplay on the hazard prediction training (Kiken-Yochi-Training; KYT) for nursing students: A Randomized controlled trial**
Yasuyo Sato (Division of Health Science, Graduate School of Saitama Prefectural University, Koshigaya, Saitama, Japan / Japan University of Health Sciences)
- P3-49 Status of illness or injury associated with at-home bathing services provided by long-term care insurance**
Shinya Hayasaka (Faculty of Human Life Sciences, Tokyo City University, Tokyo, Japan / Department of Community Health and Preventive Medicine, Hamamatsu University School of Medicine)
- P3-50 Measurement of cut-off day between admission and surgical intervention, for reduced mortality of patients with hip fractures using Japanese nationwide administrative database**
Yuichi Nishioka (Department of Public Health, Health Management and Policy, Nara Medical University, Nara, Japan)
- P3-51 Analysis on hospitalization costs in 12345 inpatients with digestive tract tumor in a general hospital in Changzhi**
Xiangxian Feng (Department of Epidemiology, Changzhi Medical College, Shanxi, China)
- P3-52 Incidence of aplastic anemia in Japan**
Akiko Ohta (Division of Public Health, Department of Social Medicine, Saitama Medical University Faculty of Medicine, Saitama, Japan)
- P3-53 Dietary n-3 polyunsaturated fatty acids in late pregnancy and postpartum depression among Japanese women**
Minatsu Kobayashi (Department of Food Science, Otsuma Women's University, Tokyo, Japan)

- P3-54 Current condition of earthquake countermeasures in place at pharmacies**
Kayoko Ozeki (Department of Community Health and Preventive Medicine, Hamamatsu University School of Medicine, Hamamatsu, Shizuoka, Japan)
- P3-55 Current Status of the Taiwan Biobank**
Pei Ei Wu (Taiwan Biobank, Academia Sinica, Taipei, Taiwan / Institute of Biomedical Sciences, Academia Sinica, Taipei, Taiwan)
- P3-56 Bullying in Ciudad Juarez, Mexico: a socio-epidemiological perspective**
Maria Guadalupe Vega-Lopez (University Center of Health Sciences, University of Guadalajara, Mexico)
- P3-57 Use of paracetamol, ibuprofen or aspirin in pregnancy and risk of cerebral palsy in the child: A cohort study based on two Scandinavian birth cohorts**
Katrine Strandberg-Larsen (Section of Social Medicine, Department of Public Health, University of Copenhagen, Denmark)
- P3-58 A new approach to identify hotspots of obesity, cardiovascular disease and type 2 diabetes in Australian communities to inform policy and practice**
Kayla Smurthwaite (Department of Health Services Research and Policy, Australian National University, Acton, Australia)
- P3-59 Trends in hospitalization due to falls elderly inhabitant in the amazon region - Brazil**
Greiciane da Silva Rocha (Center for Health and Sport Sciences, Federal University of Acre, Brazil)
- P3-60 Moral sensitivity and empathy disposition of nursing university students in Japan; A cross-sectional study**
Taeko Muramatsu (Department of Community Health and Preventive Medicine, Hamamatsu University School of Medicine, Hamamatsu, Shizuoka, Japan)
- P3-61 The current treatment of Parkinson's disease in Japan: a retrospective Japanese claims database analysis**
Manami Yoshida (Japan Medical Affairs, Takeda Pharmaceutical Company Limited, Tokyo, Japan)
- P3-62 Prenatal exposure to alcohol and hearing impairment in children: large scaled study on early childhood health checkup from 2000 to 2013 in Japan**
Satomi Yoshida (Department of Pharmacoepidemiology, Graduate School of Medicine and Public Health, Kyoto University, Kyoto, Japan)
- P3-63 Pre-pregnancy maternal weight predicts body fat mass of offspring in Japanese children**
Yuki Fujita (Department of Public Health, Kindai University Faculty of Medicine, Osaka-Sayama, Osaka, Japan)
- P3-64 Related factors of regional difference in death at home, Saitama**
Nobuko Yamaguchi (Department of Nursing, School of Health and Social Services, Saitama Prefectural University, Koshigaya, Saitama, Japan)
- P3-65 Psychosomatic Symptom Is Useful Indicator of Burnout Among Faculties and Medical Specialists at a private University**
Yuki Chatani (Department of Anesthesiology, Saitama National Hospital, Japan)
- P3-66 Comparison of characteristics between participants and non-participants of a sub-cohort study: The Japan Environment and Children's Study**
Miri Sato (Center for Birth Cohort Studies, University of Yamanashi, Japan)
- P3-67 Food safety knowledge, attitude and self-reported practice among middle school students in Beijing, China: a cross-sectional study**
Siyan Zhan (Department of Epidemiology and Biostatistics, Peking University School of Public Health, Peking University, Beijing, China)
- P3-68 Governance aspects drive inequalities in Universal Health Coverage for Maternal, Newborn and Child Health**
Fernando C Wehrmeister (Social Medicine Department, Federal University of Pelotas, Brazil / International Center for Equity in Health, Federal University of Pelotas)

- P3-69 Unexpectedly low prevalence of anemia among school children enrolled in biannual deworming program in Ziway, Ethiopia**
Molly Bloomenthal (Department of Biology, Colgate University, USA)
- P3-70 Risk of Mild Cognitive Impairment Associated to Lifestyle Factors in Adults older than 60 years old**
Luis Osvaldo Martinez (Epidemiology, Mexican Institute of Social Security, Mexico / Universidad Nacional Autonoma de Mexico)
- P3-71 Prospective validity of a screening tool recommended for Japanese Stress Check Program at worksite**
Akizumi Tsutsumi (Department of Public Health, Kitasato University School of Medicine, Sagamihara, Japan)
- P3-72 Heritability of birth size: a pooled individual-based analysis of secular trends and global geographical differences using 26 twin cohorts**
Yoshie Yokoyama (Department of Public health nursing, Osaka City University, Osaka, Japan)
- P3-73 Differences in the heritability of adult body mass index by sex, age, time period and region: a global individual-based pooled analysis of 40 twin cohorts**
Karri Silventoinen (Department of Social Research, University of Helsinki, Finland)
- P3-74 Preparation for decision making among Japanese home care patients and their families**
Shuji Tsuda (Community Health and Preventive Medicine, Hamamatsu University School of Medicine, Hamamatsu, Shizuoka, Japan)
- P3-75 Mental health and quality of life are strongly associated to occupational stress: a study with workers from a youth custody centre in Brazil**
Fernando Ribas Feijo (Centre for Epidemiological Research, Federal University of Pelotas, Brazil / Centre for Epidemiological Research / Federal University of Santa Maria)
- P3-76 Disease burden of genes from past to present: the Family Tree Mortality Ratio**
Jan P Vandenbroucke (Clinical Epidemiology, Leiden University Medical Center, The Netherlands)
- P3-77 Characteristics of overwork-related mental disorders and suicide among compensated cases of young employees in Japan since 2010**
Takashi Yamauchi (Research Center for Overwork-related Disorders, National Institute of Occupational Safety and Health, Kawasaki, Kanagawa, Japan)
- P3-78 Gestational weight gain to prevent from low birth weight and macrosomia infants in 8152 Japanese women with singleton pregnancies**
Kyoko Nomura (Department of Hygiene and Public Health, Teikyo University School of Medicine, Tokyo, Japan)
- P3-79 The role of antenatal care in predicting birth preparedness among rural women in Tanzania**
Deogratus Felician Bintabara (Department of Global Health Entrepreneurship, Division of Public Health, Graduate School of Tokyo Medical and Dental University, Tokyo, Japan / Department of Public Health, College of Health Sciences, The University of Dodoma, Dodoma, Tanzania)
- P3-80 Maternal Dietary Survey and Behavior: A Comparison with Weight Gain during Pregnancy in Japanese Women**
Takako Yasuda (Faculty of Nursing, Hamamatsu University School of Medicine, Hamamatsu, Shizuoka, Japan)
- P3-81 Prevalence and predictors of prescription opioid use during pregnancy in Hawaii**
Emily K. Roberson (Department of Public Health, Hawaii Pacific University, USA)
- P3-82 Prevalence of sleep-disordered breathing among young working women in Japan**
Yuka Suzuki (Department of Public Health, Juntendo University Graduate School of Medicine, Tokyo, Japan)
- P3-83 Maternal nutrition counseling offered during pregnancy reduces low birth weight among infants born in Nairobi slums, Kenya**
Carolyn Kemunto Nyamasege (Clinical Trials and Clinical Epidemiology, University of Tsukuba, Tsukuba, Ibaraki, Japan)

- P3-84** **Toward an Epidemiological Perspectives of Sexual Education based on Sexual Behavior for Female College Students**
Miyuki Tamura (Department of Early Childhood Education, Shukutoku Junior College, Tokyo, Japan)
- P3-85** **Changes in Health Behaviors and the Trajectory of Body Mass Index among Older Japanese: A 19-year Longitudinal Study**
Hiroshi Murayama (Institute of Gerontology, The University of Tokyo, Tokyo, Japan)
- P3-86** **Reconstruction of occupational radiation doses and organ doses of radiologic technologists in Korea**
Yeongchull Choi (Department of Preventive Medicine, Korea University, Seoul, Republic of Korea)
- P3-87** **Assessment of cold chain points for routine immunization at primary health centres in the bhojpur district of Bihar, India**
Sanjay Pandey (Department of Community Medicine, All India Institute of Medical Sciences, Patna, India)
- P3-88** **Trajectories of maternal blood pressure during pregnancy grouped by pregestational weight status**
Kohta Suzuki (Department of Health and Psychosocial Medicine, Aichi Medical University, School of Medicine, Nagakute, Aichi, Japan)
- P3-89** **The association between social media sources for health information and healthcare utilization in Vietnam**
Hoang Thuy Linh Nguyen (Department of Global Health Entrepreneurship, Division of Public Health, Graduate School of Tokyo Medical and Dental University, Tokyo, Japan / Faculty of Public Health, Hue University of Medicine and Pharmacy, Vietnam.)
- P3-90** **Association among anthropometry, body composition, and eating behavior in Japanese school children**
Harunobu Nakamura (Department of Health Education and Promotion, Graduate School of Human Development and Environment, Kobe University, Kobe, Hyogo, Japan)
- P3-91** **Five-year changes in smoking prevalence by company size from Japanese occupational health checkup data (8th ZRF study)**
Satsue Nagahama (Division of Occupational Health and Promotion, All Japan Labour Welfare Foundation, Tokyo, Japan / Department of Environmental and Occupational Health, Toho University)
- P3-92** **Comparison of children's bathing habits and differences in who bathes with the child**
Iwao Sonoda (Faculty of Human Life Science, Tokyo City University, Tokyo, Japan / Japan College of Social Work)
- P3-93** **Health effects from occupational radiation exposure among interventional medical workers: A systematic review**
Won Jin Lee (Department of Preventive Medicine, Korea University College of Medicine, Seoul, Republic of Korea)
- P3-94** **Migration status and self-reported morbidities: analysis of three prevalent morbidities in Gauteng province, South Africa**
Jabulani Ronnie Ncayiyana (Division of Epidemiology and Biostatistics, University of the Witwatersrand, School of Public Health, South Africa)
- P3-95** **Review of quantitative methods to evaluate prenatal care adequacy in Brazil**
Matheus Souza Ferreira (Mastering student of the Epidemiology Department, School of Public Health, University of Sao Paulo, Brazil)
- P3-96** **Fragility and anemia in elderly living in the community, Belo Horizonte, Brazil**
Carlos M F Antunes (Instituto de Ensino e Pesquisa, Santa Casa de Belo Horizonte, Brazil)
- P3-97** **Testing the significance of the spatial effect using R-INLA: analyzing Korea Community Health Service (KCHS), 2012 (Seoul)**
Hayon Michelle Choi (Graduate School of Public Health, Seoul National University, Seoul, Republic of Korea)

- P3-98 Primary results of a 10-years follow-up of a RCT on Emergency Department-Initiated Tobacco Control in Germany**
Bruno Neuner (Department of Anesthesiology and Intensive Care Medicine, Charite-Universitaetsmedizin Berlin, Berlin, Germany)
- P3-99 Baseline survey with the purpose of developing adolescent peer activities for reconstruction support in the wake of the Great East Japan Earthquake**
Ritsuko Hattori (Faculty of Health Science, Naragakuen University, Nara, Japan)
- P3-100 Influence of subjective economic status on new-onset neck pain (So-called Katakori) after the Great East Japan Earthquake: Longitudinal study in Miyagi prefecture**
Takuya Sekiguchi (Division of Epidemiology, Department of Health Informatics and Public Health, Tohoku University Graduate School of Medicine, Sendai, Miyagi, Japan / Department of Orthopedic Surgery, Tohoku University Graduate School of Medicine)
- P3-101 Maternal And Perinatal Factors Associated With Early Childhood Caries In South Australian Children**
Karen G Peres (Division of Epidemiology, The University of Adelaide, Australia)
- P3-102 Simvastatin dose and acute kidney injury without concurrent muscle injury: a New Zealand nationwide nested case-control study**
Lianne Parkin (Department of Preventive and Social Medicine, Dunedin School of Medicine, University of Otago, Dunedin, New Zealand)
- P3-103 Features of functional training in Outpatient Day Long-Term Service in Japan- Analysis of Long-Term Care Service Information database in Saitama Prefecture**
Fumie Tokiwa (Department of Nursing, Saitama Prefectural University, Koshigaya, Saitama, Japan)
- P3-104 Association of lifestyles, occupational factors, and marital status with 3-year changes in visceral fat accumulation among adults in Japan**
Keisuke Kuwahara (Graduate School of Public Health, Teikyo University, Tokyo, Japan / Teikyo University Graduate School of Public Health)
- P3-105 Design and methods of the Genome Cohort on Psychosocial Traits Study (GCOP Study)**
Takeshi Nishiyama (Department of Public Health, Aichi Medical University School of Medicine, Nagakute, Aichi, Japan)
- P3-106 Poor birth outcomes among Aboriginal Western Australians largely attributable to smoking and poor maternal health**
Alison Gibberd (School of Public Health, University of Sydney, Australia)
- P3-107 Mitochondrial haplogroups modify the effect of physical activity on urinary levels of 8-hydroxydeoxyguanosine in middle-aged Japanese subjects**
Megumi Hara (Department of Preventive Medicine, Faculty of Medicine, Saga University, Saga, Japan)
- P3-108 Smoking, drinking, adiposity and mortality in the Trivandrum Urban/Rural Tobacco Study**
Shenoy K T (Population Health and Research Institute, Pazhaya Road, Medical College PO, Trivandrum, India)
- P3-109 LPL Methylation Levels in Leukocyte and fatty liver in a Japanese Population**
Hiroya Yamada (Department of Hygiene, Fujita Health University School of Medicine, Toyoake, Aichi, Japan)
- P3-110 Association between brachial-ankle pulse wave velocity and osteoporotic fracture risks in Japanese women over 10 years: the Japanese Population-based Osteoporosis (JPOS) Cohort Study**
Junko Tamaki (Department of Hygiene & Public Health, Osaka Medical College, Takatsuki, Osaka, Japan)
- P3-111 Trends in the proportion of male births in Japan based on the birth attributes in 1947-2015**
Mihoko Takahashi (Department of Social Medicine, Faculty of Medicine, Saitama Medical University, Saitama, Japan)
- P3-112 Relationship between Obesity and Serum Levels of Reactive Oxygen Metabolites in Elementary School Students**
Terumi Kogawa (Faculty of Health Science, Aomori University of Health and Welfare, Aomori, Japan)

- P3-113 Low frequency of leaving home as a predictor of future trajectories of functional disability among older adults in Japan: the JAGES cohort study**
Junko Saito (Department of Health and Social Behavior, Department of Health Education and Health Sociology, School of Public Health, The University of Tokyo, Tokyo, Japan)
- P3-114 Some predictors of physical disability among rheumatoid arthritis patients attending rheumatology clinics in the Colombo district in Sri Lanka**
Anoma Mohotti Basnayake (Nutrition Division, Ministry of Health, Nutrition & Indigenous Medicine, Sri Lanka)
- P3-115 Establishing patterns of the body mass index trajectory in Japanese children**
Chiyori Haga (Department of Health Science, Okayama University, Okayama, Japan)
- P3-116 Differences in dietary intake and meal time among pregnant women who increased or decreased dietary intake during morning sickness**
Eri Abe (Department of Food Science, Otsuma Women's University, Tokyo, Japan)
- P3-117 Interaction of sleep duration and daytime napping on body composition: a population-based cross-sectional survey in China**
Xiaoguang Ma (Department of Nutrition and Food Hygiene, School of Public Health, Zhejiang University, Zhejiang, China)
- P3-118 Impact of an Epidemiological Research Masters program in Peru**
Bladimir O Morales (Faculty of Public Health, Universidad Peruana Cayetano Heredia, Peru / Emerge, Emerging Diseases and Climate Change Research Unit, School of Public Health and Administration, Universidad Peruana Cayetano Heredia)
- P3-119 Prevalence and risk factors of antenatal depressive symptoms - results from the TRACER Study in Kuwait**
Despina Pampaka (Cyprus International Institute for Environmental and Public Health, Cyprus University of Technology, Limassol, Cyprus)
- P3-120 Family planning coverage by modern methods among sexually active women in low- and middle-income countries**
Aluisio Barros (Int Center for Equity in Health, Federal University of Pelotas, Brazil)
- P3-121 Factors associated with body mass index in brazilian children: structural equation model**
Gustavo Velasquez-Melendez (Department of Maternal Infant and Public Health, Federal of University of Minas Gerais, Brazil)
- P3-122 Prevalence of intestinal parasites and associated risk factors in school aged children enrolled in a biannual deworming program in Ziway, Central Ethiopia**
Grace VanValey (Biology Department, Colgate University, MA, USA)
- P3-123 Pilot work for the Japan epidemiological study of hematological cancers in children**
Kevin Y Urayama (Graduate School of Public Health, St. Luke's International University, Tokyo, Japan)
- P3-124 The meal valance of Japanese mothers whose BMI classification is underweight**
Makiko Noguchi (Faculty of Health Sciences, Hokkaido University, Sapporo, Hokkaido, Japan)
- P3-125 Cognitive function trends among a Japanese elderly population: Radiation Effects Research Foundation Adult Health Study**
Michiko Yamada (Departments of Clinical Studies , Radiation Effects Research Foundation, Hiroshima, Japan)
- P3-126 Risk Factors for Birth Defects among Liveborn and Stillborn Infants and by Maternal Race/ Ethnicity: Findings from the National Birth Defects Prevention Study**
Wendy N Nembhard (Division of Birth Defects Research, Department of Pediatrics, College of Medicine, University of Arkansas for Medical Sciences, Arkansas Childrens Research Institute, AR, USA)
- P3-127 Impact of time spent walking on incident dementia in elderly Japanese: The Ohsaki cohort 2006 study**
Yasutake Tomata (Division of Epidemiology, Tohoku University School of Public Health, Graduate School of Medicine, Sendai, Miyagi, Japan)

- P3-128 Self-rated health predicts 3-year decline in instrumental activities of daily living among non-disabled older people: a population-based prospective cohort study in Japan**
Kimiko Tomioka (Nara Prefectural Health Research Center, Nara Medical University, Nara, Japan)
- P3-129 Analysis of the area effort for structure of community-based integrated care systems**
Mitsushi Takeda (Social Medicine Department, Division of Social Medicine, Saitama Medical University, Saitama, Japan)
- P3-130 Recognition and practice of traditional practices for pregnancy, childbirth and postpartum among female Laotian immigrants in Japan**
Keiko Saito (Graduate school of Health Sciences, Saitama Prefectural University, Koshigaya, Saitama, Japan)
- P3-131 Factors That Inhibit Participation In Social Activities Of Japanese Elderly People**
Mariko Niikura (Department of Epidemiology and Health Policy, University of Toyama, Toyama, Japan)
- P3-132 Associations of frailty with health care utilization among community dwelling older adults: findings from a nationally representative survey in Taiwan**
Chia-Lin Li (Department of Health Care Management, Chang Gung University, Taiwan / Division of Endocrinology and Metabolism, Departments of Internal Medicine, Chang Gung Memorial Hospital, Chang Gung University, Tao-Yuan City, Taiwan)
- P3-133 Stress and Parkinson's disease: A case-control study in Japan**
Tetsuya Kawamoto (Department of Epidemiology and Preventive Medicine, Ehime University Graduate School of Medicine, Ehime, Japan / Research Fellow of the Japan Society for the Promotion of Science / Department of Education, Faculty of Letters, Keio University)
- P3-134 Age and sex differences of physical activity measured by tri-axial accelerometers among elderly people living in Japan**
Masahiro Ishikubo (Faculty of Nursing, Jobu University, Takasaki, Gunma, Japan / Graduate School of Health Sciences, Gunma University)
- P3-135 Risk score for onset of dementia among community dwelling older adults in Japan: An update**
Tami Saito (Department of Social Science, National Center for Geriatrics and Gerontology, Obu, Aichi, Japan)
- P3-136 Lower Serum Levels of MicroRNAs Are Associated with the Frontal Lobe Function in a Japanese Population**
Mari Kondo (Division of Preventive Medical Sciences, Fujita Health University Graduate School of Health Sciences, Toyoake, Aichi, Japan)
- P3-137 Relationships between family members smoking and pediatric inflammatory bowel disease: a case-control study of the Japanese pediatric inflammatory bowel disease research group**
Koji Uchiyama (Center for International Cooperation, Dokkyo Medical University, Tochigi, Japan)
- P3-138 Impact of education about disaster-related public health support activities on nursing students**
Hisako Nakamura (Division of Public health, Faculty of Nursing, Kwassui Women's University, Nagasaki, Japan)
- P3-139 The association of procrastination with metabolic syndrome in Japanese male workers**
Akihiko Narisada (Department of Health and Psychosocial Medicine, Aichi Medical University School of Medicine, Nagakute, Aichi, Japan / Mitsubishi Electric Corporation)
- P3-140 Appendectomy, tonsillectomy and Parkinson disease risk: a Swedish register-based nested case-control study**
Bojing Liu (Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Sweden / Department of Epidemiology and Biostatistics, College of Human Medicine, Michigan State University, MI, United States)
- P3-141 Trends in the caesarean section rate among term, singleton, cephalic nulliparous women in Belgium**
Wei-Hong Zhang (Research Laboratory for Human Reproduction, Faculty of Medicine, Universite Libre de Bruxelles (ULB), Belgium / Research Laboratory for Human Reproduction, Faculty of Medicine, Universite Libre de Bruxelles (ULB), Belgium.)

- P3-142 Associations of social participation and social participation by leading role with dementia onset in older Japanese: The AGES cohort study**
Yuta Nemoto (Graduate School of Sports Sciences, Waseda University, Tokorozawa, Saitama, Japan)
- P3-143 Work injuries among underage workers in the formal sector from 2004 to 2013 in Piracicaba, Sao Paulo State, Brazil**
Mariana Tavares Guimaraes (Epidemiology, School of Public Health, University of Sao Paulo, Brazil)
- P3-144 The influence of the 2008 financial crisis on the notifications of repetitive strain injuries and work-related musculoskeletal disorders in Piracicaba, Sao Paulo State, Brazil**
Maria Regina Alves Cardoso (Epidemiology, School of Public Health, University of Sao Paulo, Brazil)
- P3-145 Death by immersion and seizures in Canada, epidemiology and policy, a 23 year study**
Peter Barss (National Water Safety & Injury Prevention Program, Canadian Red Cross, Canada / UBC School of Population and Public Health)
- P3-146 Association between long sleep duration and long-term care or support in community-dwelling older adults in Japan**
Ichiro Miyano (Department of Public Health, Kochi Medical School, Kochi, Japan)
- P3-147 Incidence and risk factors of metabolic syndrome among population 9 year follow-up in Na Yao community Sanam Chai Khet District Chacheongsao Province, Thailand**
Tanaporn Apiraksaporn (Community Medicine, Phramongkutklao College of Medicine, Bangkok, Thailand)
- P3-148 Prevalence and risk factors of metabolic syndrome among population in Na Yao community Sanam Chai Khet District Chacheongsao Province, Thailand**
Benyalak Kaewthanasin (Department of Community Medicine, Phramongkutklao College of Medicine, Bangkok, Thailand)
- P3-149 Epidemiology; Mobile; Android Epi 7; mHealth**
Pradeep Aggarwal (Department of Community Medicine, Himalayan Institute of Medical Sciences, Swami Rama Himalayan University, Dehradun, India)
- P3-150 Base line survey of community-based approach with adolescents peer educator in Mongolia**
Shingo Esumi (School of Nursing, Jichi Medical University, Tochigi, Japan)
- P3-151 Epidemiology of drowning along the Gironde's oceanic coast in 2011-2013**
Eric Tellier (ISPED, Centre INSERM U1219 Bordeaux population health research, Universite de Bordeaux, Bordeaux, France / Univ. Bordeaux, ISPED, Centre INSERM U1219 Bordeaux population health research, Bordeaux, France / CHU de Bordeaux, Pole Urgences adultes SAMU-SMUR, Bordeaux, France)
- P3-152 Social support and long-term care need**
Toshiyuki Ojima (Department of Community Health and Preventive Medicine, Hamamatsu University School of Medicine, Hamamatsu, Shizuoka, Japan)
- P3-153 A study of Prevalence and associated factors of obesity and overweight among school-age children in Thai Rural community**
Teechaya Nonboonyawat (Military and Community Medicine, Phramongkutklao College of Medicine, Bangkok, Thailand)
- P3-154 Relationship between green tea intake and cognitive decline according to HbA_{1c} level among elderly Japanese residents: the National Institute for Longevity Sciences-Longitudinal Study of Aging**
Yoshiro Shirai (Section of NLS-LSA, National Center for Geriatrics and Gerontology, Obu, Aichi, Japan / Graduate School of Integrated Pharmaceutical and Nutritional Sciences, University of Shizuoka)
- P3-155 Relationships between Social Capitals and Functional Capacities among Frail Older Persons**
Takahiro Inoue (Department of home health nursing, Kwassui Women's University, Nagasaki, Japan / Kwassui Women's University)
- P3-156 Association of LINE-1 hypermethylation in Leukocyte with Cancer Mortality: the Yakumo Study**
Yoshiki Tsuboi (Division of Preventive Medical Sciences, Fujita Health University Graduate School of Health Sciences, Toyoake, Aichi, Japan)

- P3-157 Informal child care, birth order and childhood hospitalizations for wheezing disorders: evidence from Hong Kong's "Children of 1997" birth cohort**
June YY Leung (School of Public Health, The University of Hong Kong, Hong Kong SAR, China)
- P3-158 The relation between gestational serum oxytocin concentration and medical history in Japanese women**
Toshio Masumoto (Division of Health Administration and Promotion, Department of Social Medicine, Faculty of Medicine, Tottori University, Yonago, Tottori, Japan)
- P3-159 What are determinants to influence retention of qualified human resources for health in rural and difficult regions in Senegal?**
Takao Kojo (Division of Public health, Jichi Medical University, Tochigi, Japan)
- P3-160 Changes in cotinine and oxidative stress levels during the smoking cessation treatment and its association with physical and nutritional characteristics in Japanese smokers**
Shino Oba (Graduate School of Health Sciences, Gunma University, Gunma, Japan)
- P3-162 The second cohort of Biobank Japan Project: an interim report**
Akiko Nagai (Department of Public Policy, Institute of Medical Science, The University of Tokyo, Tokyo, Japan)
- P3-163 Factors associated with nursing students' desire to participate in public health support activities in disaster-stricken areas**
Tomoko Haraoka (Faculty of Nursing, Kwassui Women's University, Japan)
- P3-164 Preparation of bio-releasable micro-spherical polycaprolactone carriers with doxorubicin hydrochloride for acute lymphoblastic/myeloid leukemia test**
Pan Cheng Tang (Department of Mechanical and Electro-Mechanical Engineering and Institute of Medical Science and Technology, National Sun Yat-Sen University, Taiwan / Institute of Medical Science and Technology / National Sun Yat-Sen University)
- P3-165 Evaluation of the Stimulus Fund for Performance (FED): a conditional cash-transfer mechanism in Peru to improve sub-national managerial capacities in the public sector**
Daniel Alexis Antiporta (School of Public Health, Universidad Peruana Cayetano Heredia, Peru)
- P3-166 Prediabetes among healthy children aged 6-11 years in Al Ain, United Arab Emirates**
Ayaka Tokumaru (Department of Global Health, Medicine, and Welfare, Atomic Bomb Disease Institute, Nagasaki University, Nagasaki, Japan)
- P3-167 Unhealthy behaviours and health functioning: a follow-up study among middle-aged Finnish public sector employees**
Jouni Lahti (Department of Public Health, University of Helsinki, Finland)
- P3-168 Monitoring of children's development**
Etsuko Tomisaki (Nursing, Kyoritsu Women's University, Tokyo, Japan)
- P3-169 Associations of e-cigarettes, conventional cigarettes, and dual use with depression symptoms among Korean adolescents**
Christina Jeon (Department of Public Health, Graduate School, Yonsei University, Seoul, Republic of Korea / Department of Epidemiology and Health Promotion, Institute for Health Promotion, Graduate School of Public Health, Yonsei University)
- P3-170 An association between relapse of smoking in mothers of 3-4-month-old babies and municipalities' approach of maternal and child health measures in Japan**
Yuka Akiyama (Department of Health Sciences, School of Medicine, University of Yamanashi, Japan)
- P3-171 Health and long-term care costs at the end-of-life in Japanese patients with cancer, heart disease, and pneumonia**
Tomoko Terada (Department of Integrated Pulmonology, Tokyo Medical and Dental University, Tokyo, Japan)
- P3-172 Body mass index trajectory and risk of diabetes mellitus in Korean population: the Korean Genome and Epidemiology Study (KoGES)**
Jooeun Jeon (Department of Epidemiology and Health Promotion, Institute for Health Promotion, Graduate School of Public Health, Yonsei University, Seoul, Republic of Korea)

- P3-173 Family characteristics of child victims of domestic accidents in a French pediatric emergency department in 2016-2017**
Marion Bailhache (Department of general practice, University Hospital of Bordeaux, France / ISPED, Centre INSERM U-1219 Bordeaux Population Health Research Center, University of Bordeaux, France)
- P3-174 Empirical research on capability of informed assent around 7 year old children: A pilot study**
Izumi Ishiyama (Faculty of Education & Care of Early Childhood, Tokoha University, Fuji, Shizuoka, Japan)
- P3-175 The current situation of stroke-related sarcopenia in Japan**
Takahiro Hokimoto (Department of Clinical Trial and Clinical Epidemiology, Graduate School of Comprehensive Human Sciences, University of Tsukuba, Tsukuba, Ibaraki, Japan)
- P3-176 Association between sleep quality deterioration and quality of life impairment study in voluntary firefighters from low-middle income country: A cross sectional study**
Edward Mezones-Holguin (Research and Development, School of Medicine, Universidad Peruana de Ciencias Aplicadas (UPC), Lima, Peru / Research and Development Department, Superintendencia Nacional de Salud (SUSALUD-Peruvian National Health Authority), Lima, Peru)
- P3-177 Hepatitis B markers among population born after universal vaccination in some urban and rural areas of Mongolia**
Oyu-Erdene Shagdarsuren (Department of Epidemiology and Biostatistics, Mongolian National University of Medical Sciences, Mongolia)
- P3-178 How does unemployment affect health-related quality of life among Swedish adults?**
Fredrik Norstrom (Division of Epidemiology and Global Health, Department of Public Health and Clinical Medicine, Umea University, Umea, Sweden)
- P3-179 Pathway analysis of participation in health intervention program and retirement age among middle-aged population in Sweden: a multivariate latent growth curve approach**
Ailiana Santosa (Centre for Demographic and Ageing Research, Umea University, Umea, Sweden)
- P3-180 Development of a fall-risk assessment profile for community-dwelling elders using Taiwan National Health Interview Survey**
Ping-Ling Chen (Graduate Institute of Injury Prevention and Control, Taipei Medical University, Taipei, Taiwan)
- P3-181 Japan Environment and Children's Study (JECS): Baseline characteristics of mothers, fathers, and their children**
Takehiro Michikawa (Japan Environment and Children's Study Programme Office, National Institute for Environmental Studies, Tsukuba, Ibaraki, Japan)
- P3-182 Effect of Community Communication on HIV Preventive Behaviors among High Risk Groups: A Study in Uttar Pradesh**
Om Prakash Singh (Department of Community Medicine & Public Health, King George's Medical University U P, Chowk, India)
- P3-183 The effect of BMI on gestational age-specific fetal death rates**
Sarka Lisonkova (Department of Obstetrics and Gynaecology, University of British Columbia, Vancouver, Canada)
- P3-184 Status Of Antenatal Services In Rural Areas Of Lucknow, North India**
Vijay Kumar Singh (Department of Community Medicine & Public Health, King George's Medical University U P, Chowk, India)
- P3-185 On Regression Extension of Latent Class Models with Applications to Classify Different Types of Alcoholism based on a population-based prospective study**
Chin-Chieh Wu (Department of Emergency Medicine, Chang Gung Memorial Hospital, Keelung, Taiwan)
- P3-186 Development of an e-learning program on evidence-based-medicine for lay adult persons with interest in health**
Satoe Okabayashi (Health Service, Kyoto University, Kyoto, Japan)

P3-187 BEYOND PATIENT CARE: THE IMPACT ON JOB SATISFACTION IN MONGOLIAN PUBLIC HEALTHCARE SECTOR

Odongua Nemekhee (Department of Public Health Nursing, Mongolian National University of Medical Sciences, Mongolia)

P3-188 Gene-environment wide interaction study on dyslipidemia between genes and obesity traits in Korean cohorts

Moonil Kang (Complex Disease and Genetic Epidemiology Branch, Department of Epidemiology, Graduate School of Public Health, Seoul National University, Seoul, Republic of Korea)

P3-189 A multilocus genetic risk score for diabetic retinopathy in Han Chinese in Taiwan

Wen-Ling Liao (Graduate Institute of Integrated Medicine, China Medical University, Taichung, Taiwan / Center for Personalized Medicine, China Medical University Hospital, Taichung, Taiwan)

P3-190 Impact of frailty on the incidence of loss of independence in community-dwelling older Japanese: the Kusatsu town study

Akihiko Kitamura (Research Team for Social Participation and Community Health, Tokyo Metropolitan Institute of Gerontology, Tokyo, Japan)

P3-191 Spatial diffusion of bovine Tuberculosis in England

Shino Shiode (Department of Geography, Birkbeck, University of London, London, UK)

P3-192 Impact on family history of diabetes on the association between CDH13 (rs4783244) and adiponectin among Korean population

Jae Woong Sull (Biomedical Laboratory Science, Eulji University, Republic of Korea)

P3-193 Relationship between housing type after Great East Japan Earthquake and functional disability

Yumi Sugawara (Division of Epidemiology, Department of Health Informatics and Public Health, Tohoku University School of Public Health, Graduate School of Medicine, Sendai, Miyagi, Japan / Center for Community Health, Tohoku University Graduate School of Medicine)

P3-194 Association between sleep duration and metabolic syndrome: an update from the Health Examinees (HEXA) study

Claire E Kim (Department of Preventive Medicine, Seoul National University College of Medicine, Seoul, Republic of Korea)

P3-195 Age-differential association between serum uric acid and incident hypertension

Seung Won Lee (Cardiovascular and Metabolic Diseases Etiology Research Center, Yonsei University College of Medicine, Seoul, Republic of Korea / Department of Preventive Medicine, Yonsei University College of Medicine)