Saturday, August 19, 2017

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

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)

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)

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

**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))
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)

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)
## Travel Award Session 1

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

<table>
<thead>
<tr>
<th>TA1-1</th>
<th>Population level factors as determinants of consistently high HIV prevalence in Indian districts: a multi-level analysis</th>
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<tbody>
<tr>
<td></td>
<td>Rajneesh Kumar Joshi (Faculty of Health and Biomedical Sciences, Symbiosis International University, Pune, India)</td>
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<table>
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<tr>
<th>TA1-2</th>
<th>Utilisation of Intermittent Preventive Treatment (IPT) for prevention of Malaria In Pregnancy, Evidence from the Nigeria Demographic Health Survey 2013</th>
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<tr>
<td></td>
<td>Olukemi T Olugbade (Nigeria Field Epidemiology and Laboratory Training Programme, Abuja, Nigeria)</td>
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<tr>
<th>TA1-3</th>
<th>Determinants of being fully immunized and their effects on mortality and hospitalization cases in an urban informal settlement in Nairobi, Kenya - a longitudinal study</th>
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<tr>
<td></td>
<td>Martin Kavao Mutua (Jomo Kenyatta University of Agriculture and Technology, Nairobi, Kenya / African population and health research center, Nairobi, Kenya)</td>
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## Room A 18:00-20:00

**IEA Business Meeting**

### 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)

<table>
<thead>
<tr>
<th>S4-1</th>
<th>Investigating the causes of chronic disease in a large-scale European consortium: the EPIC study</th>
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<tbody>
<tr>
<td></td>
<td>Marc Gunter (International Agency for Research on Cancer (IARC), Lyon, France)</td>
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<tr>
<th>S4-2</th>
<th>Biobanks and registries for epidemiological research on cancer in the Nordic countries</th>
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<tr>
<td></td>
<td>Elisabete Weiderpass Vainio (Cancer Research, Oslo, Norway)</td>
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<tr>
<th>S4-3</th>
<th>The Experience of the Multiethnic Cohort Study with Genomic Consortia</th>
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<tr>
<td></td>
<td>Loïc Le Marchand (Epidemiology Program, University of Hawaii Cancer Center, Honolulu, HI, USA)</td>
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<tr>
<th>S4-4</th>
<th>Asia Cohort Consortium: Evolving the future</th>
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<tr>
<td></td>
<td>Daeehee Kang (Department of Biomedical Sciences, Seoul National University Graduate School, Seoul, Korea / Department of Preventive Medicine, Seoul National University College of Medicine, Seoul, Korea)</td>
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<tr>
<th>S4-5</th>
<th>Japan Cohort Consortium: collaborative effort towards evidence-based cancer prevention in Japan</th>
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<tr>
<td></td>
<td>Taichi Shimazu (Center for Public Health Sciences, National Cancer Center, Japan)</td>
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## 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)

<table>
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<tr>
<th>SL2</th>
<th>Use of Big Data and Cohorts to Uncover Causes of Non-Communicable Diseases</th>
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<tbody>
<tr>
<td></td>
<td>Wei Zheng (Professor and Director, Vanderbilt Epidemiology Center, Vanderbilt University Medical Center, Nashville, US)</td>
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</table>
### 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)
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<tr>
<th>Session</th>
<th>Title</th>
<th>Presenters</th>
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<tbody>
<tr>
<td>S6-3</td>
<td>Microsimulation model for colorectal cancer to estimate effect of FOBT screening programme and improvement in cancer care in Japan: CAMOS-J CRC</td>
<td>Kenichi Kamo (Medical Educational Center, Sapporo Medical University, Sapporo, Japan)</td>
</tr>
<tr>
<td>S6-4</td>
<td>Canadian OncoSim Model: Overview, features and applications</td>
<td>Keiko Asakawa (Health Analysis Division, Statistics Canada, Ottawa, Ontario, Canada)</td>
</tr>
<tr>
<td>S6-5</td>
<td>Use of simulation models to inform vaccine policies and recommendations in Canada</td>
<td>Ken Eng (Public Health Agency of Canada, National Advisory Committee on Immunization Secretariat, Ottawa, Canada)</td>
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<th>Room B</th>
<th>17:00-18:00</th>
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<tr>
<td>Oral 1</td>
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<tr>
<td>Health effects of refugees and migrants / Other topics 1</td>
<td>Moderator: Heiko Becher (University Medical Center Hamburg-Eppendorf, Hamburg, Germany)</td>
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<tr>
<td>O1-1</td>
<td>Mortality patterns in a large cohort of migrants from the former Soviet Union in Germany</td>
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<td>O1-2</td>
<td>Ethnic disparities in breast cancer survival in New Zealand: which factors contribute?</td>
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<td>O1-3</td>
<td>Smartphone interrupted sleep: a new public health challenge? high-resolution smartphone data from Denmark</td>
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<td>O1-4</td>
<td>Non communicable diseases (NCDs) and prevalence of lifestyle risk factors in a urban population cohort in Trivandrum, S. India</td>
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<td>O1-5</td>
<td>Population impact on general and dental health of sugar-sweetened beverages in Australian children</td>
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<th>Room C</th>
<th>8:30-10:00</th>
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<tr>
<td>Symposium 7</td>
<td>Workplace intervention to improve worker health</td>
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<tr>
<td>Moderator: Akizumi Tsutsui (Kitasato University School of Medicine, Japan)</td>
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<tr>
<td>S7-1</td>
<td>An integrated workplace mental health intervention in an Australian police context: results of a cluster-randomised trial</td>
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<td>S7-2</td>
<td>Participatory workplace environment improvements for managing mental health in diverse workplaces</td>
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<td>S7-3</td>
<td>Improvement of the work environment in Japan: characteristics, the association with work-related stress, and its gender differences in a nationally representative sample</td>
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<td>S7-4</td>
<td>Policy intervention on psychosocial risk in South Korea</td>
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### 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)

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<th>Session</th>
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<tr>
<td>S8-1</td>
<td>Mental health impacts of a major disaster in a New Zealand birth cohort: a natural experiment</td>
<td>John Horwood (Department of Psychological Medicine, University of Otago Christchurch, Christchurch, New Zealand)</td>
</tr>
<tr>
<td>S8-2</td>
<td>Frequencies, risk factors, and help-seeking for mental disorders/poor mental health among disaster survivors after the Great East Japan Earthquake 2011</td>
<td>Norito Kawakami (Department of Mental Health, School of Public Health, The University of Tokyo, Japan)</td>
</tr>
<tr>
<td>S8-3</td>
<td>Mental health after the Fukushima Nuclear Power Plant Accident: from research to implementation</td>
<td>Yuriko Suzuki (Department of Adult Mental Health, National Institute of Mental Health, National Center of Neurology and Psychiatry, Tokyo, Japan)</td>
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### Lunch Time Seminar 3

**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)

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<thead>
<tr>
<th>Presenter</th>
<th>Institution</th>
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<tbody>
<tr>
<td>Masakazu Nakamura</td>
<td>Health Promotion Research Center, Japan Association for Development of Community Medicine</td>
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<tr>
<td>Yu Nofuji</td>
<td>Health Promotion Research Center, Japan Association for Development of Community Medicine</td>
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### 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)

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<tr>
<th>Session</th>
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<tbody>
<tr>
<td>S9-1</td>
<td>Epidemiological Approaches to Longitudinal Mental Health Research in the ALSPAC cohort in the UK</td>
<td>Sarah Sullivan (University of Bristol, UK)</td>
</tr>
<tr>
<td>S9-2</td>
<td>Childhood sexual abuse and adult mental health outcomes: methodological issues</td>
<td>John Horwood (Department of Psychological Medicine, University of Otago Christchurch, Christchurch, New Zealand)</td>
</tr>
<tr>
<td>S9-3</td>
<td>The Tokyo Teen Cohort study: an adolescent cohort study with life course approach</td>
<td>Shuntaro Ando (The University of Tokyo Hospital, Japan / Tokyo Metropolitan Institute of Medical Science, Japan)</td>
</tr>
<tr>
<td>S9-4</td>
<td>Epidemiology of psychotic experiences: life course analysis based on data from the World Mental Health Survey Initiative</td>
<td>Carmen C.W Lim (Queensland Brain Institute and Queensland Centre for Mental Health Research, University of Queensland, Australia)</td>
</tr>
</tbody>
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### 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)

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<tr>
<th>Session</th>
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<th>Presenter(s)</th>
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<tr>
<td>S10-1</td>
<td>Patient and public engagement as an ethical requirement for research involving human participants</td>
<td>Kaori Muto</td>
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<tr>
<td>S10-2</td>
<td>Participant Engagement: the ALSPAC experience</td>
<td>Lynn Molloy (ALSPAC (Children of the 90s), School of Social and Community Medicine, University of Bristol, UK)</td>
</tr>
<tr>
<td>S10-3</td>
<td>Toward partnership with research participants - experiences and challenges in Japan -</td>
<td>Eiko Suda (Japan Environment and Children's Study (JECS) Programme Office, Centre for Health and Environmental Risk Research, National Institute for Environmental Studies, Japan)</td>
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### Maternal and child health 1

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

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<th>Session</th>
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<tbody>
<tr>
<td>O2-1</td>
<td>Using Geographic Information Systems to understand utilization and access to prenatal genetic services (PGS) in Alberta, Canada</td>
<td>Alka B Patel (Department of Community Health Sciences, University of Calgary, Canada)</td>
</tr>
<tr>
<td>O2-2</td>
<td>Intervention strategies for preschool children with autism spectrum disorder: a systematic review and meta-analysis of published articles between years 2001 and 2015</td>
<td>Su Su Maw (Graduate School of Health Sciences, Okayama University, Okayama, Japan)</td>
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<tr>
<td>O2-3</td>
<td>Maternal Health Care Interventions to Reduce MMR in Developing Countries</td>
<td>Neeraj Bedi (Gandhi Medical College Bhopal, India)</td>
</tr>
<tr>
<td>O2-4</td>
<td>The impact of financial incentives for Brazilian low-income pregnant women participants of the Brazilian conditional cash transfer program on early identification of pregnancy</td>
<td>Ana Clara Duran (Department of Epidemiology, University of Sao Paulo School of Public Health, Brazil)</td>
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### Kawasaki disease: Epidemiological approach to the disease with unknown etiology

**Moderator:** Yosikazu Nakamura (Jichi Medical University, Japan)

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<tr>
<th>Session</th>
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<tbody>
<tr>
<td>S11-1</td>
<td>Kawasaki disease: update</td>
<td>Masahiro Ishii (Department of Pediatrics, Kitasato University School of Medicine, Japan)</td>
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<tr>
<td>S11-2</td>
<td>Kawasaki disease in the United States</td>
<td>Ermias Belay (National Center for Infectious Diseases, Centers for Disease Control and Prevention, USA)</td>
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<tr>
<td>S11-3</td>
<td>Epidemiologic feature of Kawasaki disease in Beijing from 2005 through 2015</td>
<td>Zhong Dong Du (Beijing Children's Hospital, Capital Medical University, China)</td>
</tr>
<tr>
<td>S11-4</td>
<td>Epidemiology of Kawasaki disease in Mongolia</td>
<td>Dambadarjaa Davaalkham (Department of Epidemiology and Biostatistics, Mongolian National University of Medical Sciences, Mongolia)</td>
</tr>
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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 (Tsujiura 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
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)
O3-2 Predictive validity of developmental milestones for detecting limited intellectual functioning in The Netherlands
Paul H Verkerk (Department of Child Health, TNO, Leiden, The Netherlands)

O3-3 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)

O3-4 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

O4-1 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)

O4-2 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)

O4-4 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

O5-1 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)

O5-2 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)

O5-3 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)

O5-4 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)
### 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)

### 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)

### Oral 8: Social epidemiology 1

**Moderator:** Farhat Yusuf (Menzies 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  
Kyunghhee Jung-Choi (Department of Occupational and Environmental Medicine, Ewha Womans University, Republic of Korea)
O8-2 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)

O8-3 Social epidemiology of the Indigenous people in Australia
Farhat Yusuf (Menzies 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)

O9-1 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)

O9-2 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)

O9-3 Can social differences explain the geographical patterns in acute myocardial infarction in Denmark?
Thora Majlund Kjaerulf (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, Otsu, 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**  
**Title:** Joint effects of heatwave and air quality on emergency health services in Western Australia  
**Presenter:** Le Jian (Public Health Division, Western Australia Department of Health, Western Australia, Australia / Curtin University)

**O11-2**  
**Title:** Perinatal mortality risk from exposure to ambient particulate matter during gestation: a regional study in China  
**Presenter:** Mengling Tang (Department of Epidemiology and Health Statistics, Zhejiang University School of Public Health, Hangzhou, Zhejiang, China)

**O11-3**  
**Title:** Association between serum persistent organic pollutants and stroke risk in Korea  
**Presenter:** 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**  
**Title:** Quantifying the Effects of daily ambient temperature on diabetes mortality among the cities in the Philippines  
**Presenter:** 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**  
**Title:** 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  
**Presenter:** Angela van der Plas (Product Assessment and Scientific Substantiation, Philip Morris International, Switzerland)

**O12-2**  
**Title:** Lung function among 9-10 year-old Tibetan schoolchildren living at different altitudes in Tibet  
**Presenter:** YANGZONG (Department of Preventive Medicine, Medical College, University of Tibet, China)

**O12-3**  
**Title:** Studies from the Global Geo Health Data Center: the associations between fast-food outlet density and the incidence of individual-level cardiovascular disease  
**Presenter:** Ilonca Vaartjes (Department of Epidemiology, Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, The Netherlands)

**O12-4**  
**Title:** Prediction of health effects of cross-border atmospheric pollutants using the Model of Aerosol Species in the Global Atmosphere (MISINGAR)  
**Presenter:** 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**  
**Title:** Bullying, violence and risk of cardiovascular disease and diabetes: a multi-national study  
**Presenter:** 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 O'Brien (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 O'Brien (Duke University School of Medicine, USA)
**Poster Presentation Room 1**

**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
Pathorn 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 Shimanoe (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 MATCHED 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)
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<th>P1-50</th>
<th>Effect of <em>H. pylori</em> infection on the risk of atopy and allergic disorders in a cohort of young Ethiopian children</th>
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<td>Bineyam Taye (Department of Biology, Colgate University, USA)</td>
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<th>P1-51</th>
<th>Relationship between teacher support and depression among junior high school students in Japan</th>
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<td>Akiko Mizuta (Department of Community Health Nursing, Hamamatsu University School of Medicine, Hamamatsu, Shizuoka, Japan)</td>
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<th>P1-52</th>
<th>Risk factors for extended-spectrum beta-lactamase-producing <em>Escherichia coli</em> urinary tract infection in the community in Denmark: a case-control study</th>
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<td>Christina Vandenbroucke-Grauls (Department of Medical Microbiology and Infection Control, VU University Medical Center, Amsterdam, The Netherlands)</td>
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<th>P1-53</th>
<th>Risk factors and causes of death in new smear positive pulmonary TB patients at Chiangrai, Thailand</th>
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<td>Worarat Imsanguan (Internal Medicine Department, Chiangrai Prachanukroh Hospital, Chiangrai, Thailand)</td>
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<th>Personal responsibility and self help in the health system reform. Cuba 2015</th>
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<td>Isabel Pilar Luis Gonzalvez (Clinical research and impact assessment, Finlay Institute, Havana, Cuba)</td>
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<th>P1-55</th>
<th>The effect of <em>H. pylori</em> on malnutrition in school-aged children in Butajira, Ethiopia</th>
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<td>Samantha Hynes (Department of Biology, Colgate University, USA)</td>
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<th>Logistic Regression Model for Survival Time Analysis Using Time-Varying Coefficients</th>
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<td>Kenichi Satoh (Research Institute for Radiation Biology and Medicine, Hiroshima University, Hiroshima, Japan)</td>
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<td>Marco Antonio Garcia Casasolía (Epidemiologia, Hospital General de Zona No. 30, Mexico)</td>
</tr>
<tr>
<td>P1-171</td>
<td><strong>OPTIMAL WAIST CIRCUMFERENCE CUT-OFF POINTS FOR PREDICTING METABOLIC SYNDROME AMONG LOW-INCOME BLACK SOUTH AFRICAN ADULTS</strong></td>
<td>Daniel Ter Goon (Department of Nursing Science, Faculty of Health Sciences, University of Fort Hare, East London, South Africa)</td>
</tr>
</tbody>
</table>
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 (JE), 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 Affair 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, IIT 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
### Symposium 18

**Room B 8:30-10:00**

**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)

### Symposium 19

**Room B 10:00-12:00**

**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)

### Lunch Time Seminar 5

**Room B 12:10-13:10**

**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)
### Symposium 20

**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)

### Oral 19

**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)
O19-5  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)
### Session S22

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<th>Title</th>
<th>Presenter(s)</th>
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<tr>
<td>S22-3</td>
<td>Mathematical modeling for integration of ecological, epidemiological and environmental data to inform infectious disease management</td>
<td>Jianhong Wu (School of Mathematics and Statistics, York University, Toronto, Canada)</td>
</tr>
<tr>
<td>S22-4</td>
<td>Mathematical Models of Emerging Infectious Diseases in the Republic of Korea</td>
<td>Eunok Jung (Department of Mathematics, Konkuk University, Seoul, Korea)</td>
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<tr>
<td>S22-5</td>
<td>Treatment - donation - stockpile dynamics in Ebola convalescent blood transfusion therapy</td>
<td>Xiaodan Sun (Department of Mathematics and Statistics, Xi’an Jiaotong University, Xi’an, China)</td>
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### Room C 12:10-13:10

**Lunch Time Seminar 6**

**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)

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<tr>
<td>S23-1</td>
<td>Field epidemiological research in resource-limited settings: An overview</td>
<td>Masahiko Hachiya (Bureau of International Health Cooperation, National Center for Global Health and Medicine, Japan)</td>
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<tr>
<td>S23-2</td>
<td>A cluster randomized interventional study in Sri Lanka</td>
<td>Tetsuya Mizoue (Department of Epidemiology and Prevention, Center for Clinical Sciences, National Center for Global Health and Medicine, Japan)</td>
</tr>
<tr>
<td>S23-3</td>
<td>A survey of hepatitis B prevalence in Lao PDR</td>
<td>Tomomi Kitamura (Bureau of International Health Cooperation, National Center for Global Health and Medicine, Japan)</td>
</tr>
<tr>
<td>S23-4</td>
<td>Malaria control project evaluation in Niger</td>
<td>Daisuke Nonaka (Department of Global Health, School of Health Sciences, University of Ryukyus, Japan)</td>
</tr>
<tr>
<td>S23-5</td>
<td>Field epidemiological research and its policy implications</td>
<td>Anonh Xeuatvongsa (National Immunization Program, Ministry of Health, Lao PDR)</td>
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### 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)

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<tr>
<td>O20-1</td>
<td>Geographical differences in cigarette smoking by secondary school students in Enugu State, southeast Nigeria using multilevel analysis</td>
<td>Ijeoma U. Itanyi (Department of Community Medicine, University of Nigeria Teaching Hospital, Enugu, Nigeria)</td>
</tr>
<tr>
<td>O20-2</td>
<td>Self-reported tuberculosis, sexually transmitted diseases and HIV prevalence rates among Peruvian inmates: results from the 2016 prison census</td>
<td>Carlos Culquichicon (Emerge, Emerging Diseases and Climate Change Research Unit, School of Public Health and Administration, Universidad Peruana Cayetano Heredia, Peru)</td>
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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.

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)

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)
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.

Regional Meeting: South East Asia

Moderators: Vinod K Srivastava (India) Janaki Vidanapathirana (Sri Lanka)


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 Doorakkers (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)

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)
The 21st International Epidemiological Association (IEA) World Congress of Epidemiology (WCE2017)

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)

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)

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)

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)

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
#### 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 β2-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 grandchildrens 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
#### 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
#### 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)

**O33-1** 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)

**O33-2** 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)

**O33-3** 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)

**O34-1** Female genital schistosomiasis in Abeokuta, Nigeria  
Uwemedimo Friday Ekpo (Department of Pure and Applied Zoology, Federal University of Agriculture Abeokuta, Nigeria)

**O34-2** 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)

**O34-3** 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)

**O34-4** 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)
O34-5  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)

O35-1  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)

O35-2  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)

O35-3  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)

O35-4  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)

O35-5  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)

O35-6  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 Muramushi (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)
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<tr>
<th>No.</th>
<th>Title</th>
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<tbody>
<tr>
<td>P2-6</td>
<td>Physical Activity and Smoking among Secondary Infertile and Fertile Women in Southeast of Iran: Considering Potential Reproductive Confounding Factors in a Case-Control Study</td>
<td>Hossein Ansari (Health Promotion Research Center, Department of Epidemiology and Biostatistics, Zahedan University of Medical Sciences, Zahedan, Iran)</td>
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<td>P2-7</td>
<td>Prenatal origins of intergenerational transmission of health: a novel answer to the increasing burden of chronic illness in nordic societies</td>
<td>Jiong Li (Department of Clinical epidemiology, Aarhus University, Denmark)</td>
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<td>P2-8</td>
<td>Predicted 10-year risk of cardiovascular disease and BMI paradox in Shahroud, Iran</td>
<td>Mohammad Hassan Emamian (Department of Epidemiology, School of Public Health, Shahroud University of Medical Sciences, Shahroud, Iran)</td>
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<td>P2-9</td>
<td>Tobacco smoking cessation and risk of esophageal cancer: systematic review and meta-analysis</td>
<td>Qiaoli Wang (Department of Molecular Medicine and Surgery, Karolinska Institutet, Stockholm, Sweden)</td>
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<td>P2-10</td>
<td>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</td>
<td>Yi-Ting Huang (Institute of Epidemiology and Preventive Medicine, National Taiwan University, Taipei, Taiwan)</td>
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<td>P2-11</td>
<td>Projected 10-Year Trends and Intervention Effects of Heart Disease and Stroke Mortality Using Big Data in Taiwan</td>
<td>Kuo-Liong Chien (Institute of Epidemiology and Preventive Medicine, College of Public Health, National Taiwan University, Taiwan)</td>
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<td>P2-12</td>
<td>Report on the Investigation of an outbreak of food-borne illness in a tertiary education institution in Gauteng, South Africa; January 2016</td>
<td>Lwando Maki (Public Health Medicine, University of Pretoria, South Africa)</td>
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<td>P2-14</td>
<td>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</td>
<td>Pongdech Sarakarn (Faculty of Public Health, Khon Kaen University, Thailand)</td>
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<td>P2-15</td>
<td>Cardiovascular risk stratification during opportunistic screening in a rural area of Punjab, India</td>
<td>Manju Rani (Department of Community Medicine and School of Public Health, Post Graduate Institute of Medical Education and Research, Chandigarh, India)</td>
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<td>P2-16</td>
<td>Sitting-time in Portuguese school-aged adolescents: are school classes a risk factor?</td>
<td>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)</td>
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<td>P2-17</td>
<td>Prevalence of diabetes mellitus and related cardiovascular disease risk factor in an ethnic community of Bangladesh</td>
<td>Sabrina Ahmed (Initiative for Noncommunicable Diseases(INCD), Dhaka, Bangladesh)</td>
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<td>P2-18</td>
<td>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</td>
<td>Daisuke Machida (Division of Health sciences, Gunma University Graduate School, Takasaki, Gunma, Japan / Takasaki University of Health and Welfare)</td>
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<td>P2-19</td>
<td>Thyroid Nodule in Fukushima</td>
<td>Yutaka Hamaoka (Faculty of Business and Commerce, Keio University, Tokyo, Japan)</td>
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<td>P2-20</td>
<td>Quality of oils obtained from food undergoing deep frying processes</td>
<td>Marcos Flores García (Basic Science Department Faculty of Science, Santo Tomas University, Talca, Chile)</td>
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<td>P2-21</td>
<td>Comparison of standardized mortality ratios for renal failure using national vital statistics before and after the 2011 Great East Japan earthquake and tsunami</td>
<td>Rumi Tsukinoki (Department of Public Health Nursing, Osaka Medical College, Osaka, Japan)</td>
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P2-22 Attempt to assess epidemiological evidences by animal experiments
Norio Takahashi (Vice Chairmain'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 Katagiriri (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 Szyszkwicz (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)

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)

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)

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: NIPPPON 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 Respirology, 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)

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
Toral 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**
Poornaa AnandavadiVelan (Surgical Care Sciences, Deparment 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 Plazza, 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**
Teeranan Angkananard (Division of Cardiovascular Medicine, Department of Medicine, HRH Princess Maha Chakri Sirindhorn Medical Center, Srinakarinwirot 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 Yamaguichi 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 of 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 IncRNA MALAT1 are associated with risk of colorectal cancer**  
Yingjiun Li (Department of Public health, Hangzhou Medical University, Hangzhou, China)
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<th>Authors</th>
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<td>P2-123</td>
<td><strong>Population attributable fractions of high risk level of cardiovascular risk factors on stroke and coronary heart disease: the Circulatory Risk in Communities Study (CIRCS)</strong></td>
<td>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)</td>
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<td>P2-124</td>
<td><strong>Dietary intakes from 3-day weighed dietary records among pregnant participants in the Birth Cohort - Gene and ENvironment Interaction Study of TMDU (BC-GENIST)</strong></td>
<td>Hidemi Takimoto (Department of Nutritional Epidemiology, National Institutes of Biomedical Innovation, Health and Nutrition, Tokyo, Japan)</td>
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<td>P2-125</td>
<td><strong>Epidemiology of betel nut use in the Mariana Islands: Findings from the University of Guam/ Cancer Center of Hawaii Partnership Program</strong></td>
<td>Yvette C Paulino (School of Nursing and Health Sciences, University of Guam, USA)</td>
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<td>P2-126</td>
<td><strong>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</strong></td>
<td>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)</td>
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<td>P2-127</td>
<td><strong>Sex differences in trajectories of cardio-metabolic risk factors during childhood and adolescence</strong></td>
<td>Linda M O’Keeffe (Integrative Epidemiology Unit, School of Social and Community Medicine, University of Bristol, UK)</td>
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<td>P2-128</td>
<td><strong>Environmental burden of disease from ultraviolet irradiation in Korea: nationwide and localized estimation</strong></td>
<td>Myung-Jae Hwang (Department of Social and Preventive Medicine, Sungkyunkwan University School of Medicine, Suwon, Republic of Korea)</td>
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<td>P2-129</td>
<td><strong>Comparison of bibliographic search strategies for systematic review on kidney and urinary diseases epidemiology for the Global Burden of Disease Study</strong></td>
<td>Boris Bikbov (Department of Renal Medicine, IRCCS - Istituto di Ricerche Farmacologiche Mario Negri, Bergamo, Italy)</td>
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<td>P2-130</td>
<td><strong>Family history of gastric mucosal abnormality and the risk of gastric cancer: a population-based observational study</strong></td>
<td>Huan Song (Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Sweden)</td>
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<td>P2-131</td>
<td><strong>Association of obesity genotype and appetite-related behaviour with BMI trajectory in midlife: Whitehall II study</strong></td>
<td>Koutatsu Maruyama (Department of Epidemiology and Public Health, University College London, UK / Department of Public health, Juntendo University Graduate School of Medicine, Tokyo, Japan)</td>
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<td>P2-132</td>
<td><strong>The variety of dietary intake and risk of disabling dementia in Japanese: The Circulatory Risk in Communities Study (CIRCS)</strong></td>
<td>Yosuke Maezawa (Department of Public Health Medicine, University of Tsukuba, Tsukuba, Ibaraki, Japan)</td>
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<td>P2-133</td>
<td><strong>Risk-stratified screening for colorectal cancer (CRC): A meta-regression analysis of risk prediction models for CRC and advanced neoplasia</strong></td>
<td>Lakkhina Troeung (Centre for Health Services Research, School of Population and Global Health, The University of Western Australia, Crawley, Australia)</td>
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<td>P2-134</td>
<td><strong>Non-diagnosed hypertension prevalence rates among reproductive-age women: results from the NDFS Peru 2015</strong></td>
<td>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)</td>
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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, Universitij 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 Sugitura (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 Heal, 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

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### 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

**Lunch Time Seminar 7**

**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

**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

**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 Govi-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, IIHMR 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 Queensalnd, 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 defection 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)
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)

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)

Benefits of Bathing in Nagayu hot spring
Yasuaki Goto (Onsen Medical Science Research Center, Japan Health & Research Institute, Tokyo, Japan / Hamamatsu Medical University)

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)

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)

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)

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)

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)

Shared etiology between attention-deficit/hyperactivity disorder and severe obesity
Qi Chen (Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Sweden)

Efficacy of a roleplay on the hazard prediction training (Kiken-Y ochi-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)

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)

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)

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)

Incidence of aplastic anemia in Japan
Akiko Ohta (Division of Public Health, Department of Social Medicine, Saitama Medical University Faculty of Medicine, Saitama, Japan)

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
Siyuan 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
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