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

The international symposium aims to introduce the state-of-the-art research on the impact of nutrition and chemical on and genome-exposome interaction in children’s health and development. The symposium will also introduce the outline and the uniqueness of the Japan Environment and Children’s Study (JECS), thus promoting the awareness of the JECS.

*The Japan Environment and Children’s Study (JECS) is a large-scale birth cohort study involving 100,000 parent-child pairs nationwide. The study aims to evaluate the impact of various environmental factors on children’s health and development, and participants’ health outcomes and exposure measurements will be followed until their children become 13 years old.

Participation in the IEA-WCE2017 Symposium requires the payment of the participation fee for the WCE2017.

Date: August 20 (Sun), 2017 13:00 – 15:30
Venue: Sonic City Small HALL 1-7-5 Sakuragicho, Omiya-ku, Saitama-city

Chairperson:
Zentaro Yamagata, M.D., Ph.D.
Graduate School Department of Interdisciplinary Research, University of Yamanashi
Michihiro Kamijima, M.D., Ph.D.
Department of Occupational and Environmental Health, Nagoya City University Graduate School of Medical Sciences

Program:
13:00 Welcome Address by Ministry of the Environment, Japan
13:05 Presentation: Children’s health and the environment: the American experience
   Brenda Eskenazi, Ph.D.
   CERCH, School of Public Health, University of California, Berkeley
13:35 Presentation: Impact of maternal nutrition on children’s health and development
   Sjurdur F. Olsen, M.D., MSc, DMSc, Ph.D.
   Centre for Fetal Programming, Statens Serum Institut and Department of Nutrition, Harvard School of Public Health
14:05 Presentation: Large data challenges and opportunities in detection of genome-exposome interaction in children’s health and development
   Chirag J. Patel, Ph.D.
   Department of Biomedical Informatics, Harvard Medical School
14:35 Presentation: Japan Environment and Children’s Study (JECS)
   Shoji F. Nakayama, M.D., Ph.D.
   National Institute for Environmental Studies
15:05 Panel Discussion