



## Oral Program

SUNDAY 3<sup>RD</sup> MARCH 2013

2.00pm – 5.00pm	<b>Author Workshop</b>			
5.00pm – 7.00pm	<b>Registration and Welcome Drinks</b> <i>Room: Grand Ballroom Foyer</i>			
<b>MONDAY 4<sup>TH</sup> MARCH 2013</b>				
8.00am – 8.15am	<b>Opening Ceremony</b> <i>Room: Grand Ballroom Salons A-F</i>			
8.15am – 8.55am	<b>[K1] Our environment, our health: You can't change your genes, but you can change your environment</b> L.S. Birnbaum, <i>National Institute of Environmental Health Sciences and National Toxicology Program, USA</i> <i>Room: Grand Ballroom Salons A-F</i>			
8.55am – 9.35am	<b>[K2] Can persistent organic pollutants explain the current epidemic of type 2 diabetes?</b> D.H. Lee* <sup>1</sup> , D.R. Jacobs <sup>2</sup> , <sup>1</sup> <i>Kyungpook National University, Republic of Korea</i> , <sup>2</sup> <i>University of Minnesota, USA</i> <i>Room: Grand Ballroom Salons A-F</i>			
9.35am – 10.15am	<b>[K3] Health effects of endocrine disruptors with special reference to male reproductive function</b> J. Toppari, <i>University of Turku, Finland</i> <i>Room: Grand Ballroom Salons A-F</i>			
10.15am – 10.45am	<b>[K4] Low dose toxicology &amp; environmental health</b> C. Zicklin <sup>1</sup> , L. Stern <sup>2</sup> , S. Krimsky* <sup>2</sup> , <sup>1</sup> <i>Brooklyn College, USA</i> , <sup>2</sup> <i>Tufts University, USA</i> <i>Room: Grand Ballroom Salons A-F</i>			
10.45am – 11.15am	<b>Coffee Break and Poster Session 1</b> <i>Room: Palm Garden</i>			
	<i>Room: Grand Ballroom Salons A – C</i>	<i>Room: Grand Ballroom Salons D - F</i>	<i>Room: Grand Ballroom Salons G - I</i>	<i>Room: Grand Ballroom Salons J - L</i>
	<b>Oral Session 1: Epidemiology I</b> Chair: S.H. Swan, <i>Mount Sinai School of Medicine, USA</i>	<b>Oral Session 2: Hot spot contamination and health outcomes, Case studies I</b> Chair: E. Sweeney, <i>York University, Canada</i>	<b>Oral Session 3: Nanoparticles and Health</b> <b>Case studies II</b> Chair: L. Joseph, <i>USEPA-Office of Inspector General, USA</i>	<b>Oral Session 4: Emerging Substances</b> Chair: A.A. Jensen, <i>NIPSECT, Denmark</i>

11.15am – 11.35am	<p><b>[O1.1] Prenatal exposure to endocrine disruptors and birth weight in a Dutch cohort - Preliminary findings</b> M. de Cock*<sup>1</sup>, M.H. Lamoree<sup>2</sup>, J. Legler<sup>2</sup>, M. van de Bor<sup>1</sup>, <sup>1</sup>VU University Amsterdam, The Netherlands, <sup>2</sup>Institute for Environmental Studies, The Netherlands</p>	<p><b>[O2.1] Overview of the superfund research program at the Harvard School of Public Health</b> K.E. von Stackelberg, <i>Harvard School of Public Health, USA</i></p>	<p><b>[O3.1] EPA needs to manage nanomaterial risks more effectively</b> L. Joseph*, K. Ramakrishnan, T. Thompson, <i>USEPA-Office of Inspector General, USA</i></p>	<p><b>[O4.1] Human biomonitoring and biobanking for identifying time trends of human exposure</b> A. Gies*, M. Kolossa, C. Schulz, C. Schröter-Kermani, M. Seiwert, <i>German Federal Environment Agency, Germany</i></p>
11.35am – 11.55am	<p><b>[O1.2] TNFA -308 G/A polymorphism and the interaction with dietary intake of fatty acids affect overweight/obesity risk in Sicilian women</b> A. Agodi*<sup>1</sup>, M. Barchitta<sup>1</sup>, A. Quattrocchi<sup>1</sup>, G. Valenti<sup>1</sup>, F. Lodato<sup>2</sup>, A. Marchese<sup>2</sup>, <sup>1</sup>Università degli Studi di Catania, Italy, <sup>2</sup>Azienda Ospedaliero Universitaria, Italy</p>	<p><b>[O2.2] Association between blood mercury levels and proximity to industrial facilities</b> P. Fernández-Navarro*<sup>1,2</sup>, J. García-Pérez<sup>1,2</sup>, M. Gonzalez-Sanchez<sup>1</sup>, E. García-Esquinas<sup>1,2</sup>, G. López-Abente<sup>1,2</sup>, J. Astray<sup>3</sup>, M.A. Fernández<sup>4</sup>, M. Martínez<sup>5</sup>, N. Aragonés<sup>1,2</sup>, <sup>1</sup>Carlos III Institute of Health, Spain, <sup>2</sup>CIBERESP, Spain, <sup>3</sup>Madrid Regional Health and Consumer Affairs Authority, Spain, <sup>4</sup>CSIC, Spain, <sup>5</sup>Health Prevention and Environmental Health Department, Spain</p>	<p><b>[O3.2] Nano Zinc oxide permeates and disrupts the intestinal barrier in Xenopus embryos: Are the effects dependent upon size, shape and surface reactivity?</b> P. Mantecca*<sup>1</sup>, R. Bacchetta<sup>2</sup>, L. Del Giacco<sup>2</sup>, U. Fascio<sup>3</sup>, N. Santo<sup>3</sup>, E. Moschini<sup>1</sup>, M. Camatini<sup>1</sup>, P. Bonfanti<sup>1</sup>, A. Colombo<sup>1</sup>, <sup>1</sup>University of Milano Bicocca, Italy, <sup>2</sup>Department of Biosciences, University of Milan, Italy, <sup>3</sup>ICIMA, University of Milan, Italy</p>	<p><b>[O4.2] Environmental phthalate exposure in relation to differential toxicological outcomes in MCF-7 and MDA-MB-231 cell lines</b> M.T. Das, I.S. Thakur*, <i>Jawaharlal Nehru University, India</i></p>
11.55am – 12.15pm	<p><b>[O1.3] Organochlorine pesticide exposure and risk of type 2 diabetes in northern Benin (West Africa)</b> C. Azandjeme*<sup>1,2</sup>, M. Bouchard<sup>1</sup>, F. Djrolo<sup>2</sup>, D. Houinato<sup>2</sup>, H. Delisle<sup>1</sup>, <sup>1</sup>University of Montreal, Canada, <sup>2</sup>University of Abomey-Calavi, Benin</p>	<p><b>[O2.3] Social drivers of adoption of cleaner cooking practices: A formative assessment in two social contexts in Yogyakarta, Indonesia</b> C. Geary*<sup>1</sup>, C. Prabawanti<sup>2</sup>, C. Aristanti<sup>3</sup>, P. Utami<sup>3</sup>, <sup>1</sup>FHI 360, USA, <sup>2</sup>FHI 360, Indonesia, <sup>3</sup>Yayasan Dian Desa, Indonesia</p>	<p><b>[O3.3] Elevated Alzheimer's amyloid-β40 and 42 in brains of mice exposed to air pollution</b> S.H. Kim<sup>1</sup>, E. Knight<sup>1</sup>, E.L. Saunders<sup>2</sup>, A.K. Cuevas<sup>2</sup>, M. Popovetch<sup>2</sup>, L.C. Chen<sup>2</sup>, S. Gandy*<sup>1</sup>, <sup>1</sup>Mount Sinai School of Medicine, USA, <sup>2</sup>New York University, USA</p>	<p><b>[O4.3] Transgenic zebrafish reporters as assessments for endocrine-disrupting chemicals</b> J. He, Z. Yin*, <i>Chinese Academy of Sciences, China</i></p>
12.15pm – 12.35pm	<p><b>[O1.4] Enabling healthy living: Spatiotemporal patterns of prevalence of overweight and obesity among youths in the United States</b> S. Adu-Prah*, T.J. Oyana, <i>Southern Illinois University, USA</i></p>	<p><b>[O2.4] Assessment of health care waste management practices among health care workers working at tertiary care settings of Pakistan</b> R. Kumar*, J. Ahmed, A.K. Chandio, <i>Health Services Academy, Pakistan</i></p>	<p><b>[O3.4] Operationalization and application of "early warning signs" to screen nanomaterials for harmful properties</b> S.F. Hansen*<sup>1</sup>, K.N. Nielsen<sup>2</sup>, N. Knudsen<sup>3</sup>, K.D. Grieger<sup>4</sup>, A.</p>	<p><b>[O4.4] Seasonal variations in the concentration and distribution of estrogens and pharmaceuticals in drinking water sources and rivers in the Luan River Basin, China</b> J.H. Shi*, J.L. Cao, X.W. Liu, Y.X. Li, Z.F. Yang, <i>Beijing Normal University, China</i></p>

			Baun <sup>1</sup> , <sup>1</sup> <i>Technical University of Denmark, Denmark</i> , <sup>2</sup> <i>GenØk, Centre for Biosafety, Norway</i> , <sup>3</sup> <i>LEO Pharma A/S, Denmark</i> , <sup>4</sup> <i>RTI International, USA</i>	
12.35am – 12.55am	<b>[O1.5] Modeling chemical and non-chemical stressor exposures for effects-based cumulative risk assessment of attention deficit hyperactivity disorder (ADHD)-related behavior in a low-income community</b> M.P. Fabian <sup>*1,2</sup> , J.L. Peters <sup>1</sup> , S.A. Korrick <sup>2,3</sup> , J.I. Levy <sup>1,2</sup> , <sup>1</sup> <i>Boston University School of Public Health, USA</i> , <sup>2</sup> <i>Harvard School of Public Health, USA</i> , <sup>3</sup> <i>Brigham and Women's Hospital, USA</i>	<b>[O2.5] Carcinogenic risks of polycyclic aromatic hydrocarbons in the air, water and aquatic products from a large Chinese lake</b> F.L. Xu <sup>*</sup> , N. Qin, W. He, X.Z. Kong, <i>Peking University, China</i>	<b>[O3.5] Genomic-level effects of carbon nanotubes</b> D.A. Sarigiannis <sup>*1</sup> , G. Cimino-Reale <sup>2</sup> , T. Coccini <sup>3</sup> , L. Manzo <sup>4</sup> , <sup>1</sup> <i>Aristotle University of Thessaloniki, Greece</i> , <sup>2</sup> <i>National Cancer Institute, Italy</i> , <sup>3</sup> <i>IRCCS Foundation, Italy</i> , <sup>4</sup> <i>University of Pavia, Italy</i>	<b>[O4.5] Diagnosis of river basins: Concentration of pharmaceuticals and personal care products in river water tell us wastewater burden and treatment level in river basin</b> N. Nakada <sup>*1</sup> , S. Hanamoto <sup>1</sup> , M. Narumiya <sup>1</sup> , T. Azuma <sup>1</sup> , Y. Kurose <sup>1</sup> , V. Kumar <sup>1</sup> , S. Okamoto <sup>1</sup> , J. Zhang <sup>1</sup> , H. Tanaka <sup>1</sup> , <sup>1</sup> <i>Kyoto University, Japan</i> , <sup>2</sup> <i>Shenzhen Water, China</i>
12.55pm – 1.15pm	<b>[O1.6] Biological implications of persistent organic pollutants (POPs) in visceral and subcutaneous adipose tissue of obese individuals - Putative influence in weight loss</b> D. Pestana <sup>*1</sup> , G. Faria <sup>2</sup> , C. Sá <sup>1</sup> , V. Fernandes <sup>1,3</sup> , D. Teixeira <sup>1</sup> , J.T. Guimarães <sup>1,2</sup> , A.C. Santos <sup>1,4</sup> , R. Monteiro <sup>1</sup> , V. Domingues <sup>3</sup> , C. Calhau <sup>1</sup> , <sup>1</sup> <i>Porto University, Portugal</i> , <sup>2</sup> <i>S. João Hospital, Portugal</i> , <sup>3</sup> <i>REQUIMTE - ISEP, Portugal</i> , <sup>4</sup> <i>Institute of Public Health UP, Portugal</i>	<b>[O2.6] Seasonal and spatial distribution of estrogens and pharmaceuticals in drinking water sources and rivers in the Luan River Basin, China</b> J.H. Shi <sup>*</sup> , X.W. Liu, J.L. Cao, Y.X. Li, Z.F. Yang, <i>Beijing Normal University, China</i>	<b>[O3.6] Size and concentration dependent exposure impacts of silver nanoparticle (Nano Ag) on alveolar surface tension</b> A. Valladares <sup>1</sup> , T. Poteat <sup>1</sup> , K. Levine <sup>2</sup> , Z. Hendren <sup>2</sup> , N. Ujah <sup>1</sup> , R. Bang <sup>2</sup> , P. Srinivas <sup>2</sup> , J. Bang <sup>*1</sup> , <sup>1</sup> <i>North Carolina Central University, USA</i> , <sup>2</sup> <i>Research Triangle Institute International, USA</i>	<b>[O4.6] Psychotropic substances in the air: The state-of-art, experience and possible importance</b> A. Cecinato <sup>*</sup> , C. Balducci, <i>National Research Council of Italy, Italy</i>
<b>1.15pm – 2.30pm</b>	<b>Lunch and Poster Session 1</b> <i>Room: Palm Garden</i>			
2.30pm – 2.50pm	<b>[O1.7] Social and environmental determinants of children obesity in Mexican cities; What are the health policy options? A case study</b> E. Cifuentes <sup>*1,2</sup> , L. Hernández <sup>2</sup> , E. Orozco <sup>2</sup> , <sup>1</sup> <i>Harvard School of Public Health, USA</i> , <sup>2</sup> <i>Instituto Nacional de Salud Publica, Mexico</i>	<b>[O2.7] Bioaerosol exposure from composting facilities: Steps towards dispersion modelling improvements</b> P. Douglas <sup>*1</sup> , S. Tyrrel <sup>1</sup> , R. Kinnersley <sup>2</sup> , K. Walsh <sup>2</sup> , P. Longhurst <sup>1</sup> , S. Pollard <sup>1</sup> , G. Drew <sup>1</sup> , <sup>1</sup> <i>Cranfield University, UK</i> , <sup>2</sup> <i>Environment Agency, UK</i>	<b>[O3.7] Effect of alteration of nanocomposites on their physico-chemical and cytotoxic properties evaluated by transcriptomics in Caco-2 cells</b> M. Fisichella <sup>1</sup> , F. Berenguer <sup>1</sup> , G. Steinmetz <sup>1</sup> , M. Auffan <sup>2,3</sup> , J. Rose <sup>2,3</sup> , O. Prat <sup>*1,3</sup> , <sup>1</sup> <i>CEA, France</i> , <sup>2</sup> <i>CEREGE, France</i> , <sup>3</sup> <i>ICEINT, France</i>	<b>[O4.7] Drugs of abuse in river water in Central Spain</b> A. Mendoza <sup>1</sup> , S. González-Alonso <sup>2</sup> , M. Catalá <sup>2</sup> , N. Mastroianni <sup>3</sup> , D. Barceló <sup>3</sup> , M. López de Alda <sup>3</sup> , Y. Valcárcel <sup>*1</sup> , <sup>1</sup> <i>Fuenlabrada Hospital, Spain</i> , <sup>2</sup> <i>Rey Juan Carlos University, Spain</i> , <sup>3</sup> <i>Spanish Council for Scientific Research, Spain</i>

2.50pm – 3.10pm	<p><b>[O1.8] Associations between background exposure to mixed persistent organic pollutants and altered homeostasis of blood glucose over time: The coronary artery risk development in young adults (CARDIA) study</b> J.R. Suarez-Lopez*<sup>1</sup>, D.R. Jacobs<sup>1</sup>, M. Steffes<sup>1</sup>, D.H. Lee<sup>2</sup>, <sup>1</sup>University of Minnesota, USA, <sup>2</sup>Kyungpook University, Republic of Korea</p>	<p><b>[O2.8] Geochemical speciation and potential toxicity of trace elements in river sediments</b> B. Gupta, R. Kumar*, M. Rani, <i>Indian Institute of Technology Roorkee, India</i></p>	<p><b>[O3.8] A transparent approach to prioritizing nanomaterial hazard research</b> M.E. Bates<sup>1</sup>, J.M. Keisler<sup>2</sup>, I. Linkov*<sup>1</sup>, <sup>1</sup>US Army Engineer Research and Development Center, USA, <sup>2</sup>University of Massachusetts, USA</p>	<p><b>[O4.8] Nanomaterials safety investigation: Analysis of genotoxic effects in a human bronchial epithelial cell line</b> H. Louro, A. Tavares, M.J. Silva*, <i>National Institute of Health Dr. Ricardo Jorge, Lisbon, Portugal</i></p>
3.10pm – 3.30pm	<p><b>[O1.9] Tungsten and stroke association investigated in NHANES 1999-2010</b> J. Tyrrell*<sup>1</sup>, T.S. Galloway<sup>1</sup>, D. Melzer<sup>1</sup>, M.H. Depledge<sup>1</sup>, N.J. Osborne<sup>1,2</sup>, <sup>1</sup>University of Exeter, UK, <sup>2</sup>Murdoch Research Childrens Institute, Australia</p>	<p><b>[O2.9] Identification of bacteria pollution hot-spots following E. coli enumeration and watershed/sewershed GIS mapping</b> V. Sigler*<sup>1</sup>, J. Lis<sup>2</sup>, A. Pekalska<sup>1</sup>, R. Becker<sup>1</sup>, J. Sanders<sup>1</sup>, <sup>1</sup>University of Toledo, USA, <sup>2</sup>Cuyahoga County Board of Health, USA</p>	<p><b>[O3.9] Do geothermal electric plants pose health risks for nearby communities? Results from an assessment around a large compound in Baja California, Mexico</b> M. López- Cervantes<sup>1</sup>, L.L. Tirado-Gómez*<sup>1,2</sup>, P. Tomé-Sandoval<sup>1</sup>, R.L. Pacheco-Domínguez<sup>1</sup>, F.J. García-Gómez<sup>1</sup>, R. Santracruz-Benitez<sup>1</sup>, <sup>1</sup>Universidad Nacional Autónoma de México, Mexico, <sup>2</sup>Instituto Nacional de Pediatría, Mexico</p>	<p><b>[O4.9] Environmental obesogens: Are they bad to the bone?</b> J. Watt*, F. Andrews, J. Schlezinger, <i>Boston University School of Public Health, USA</i></p>
3.30pm – 3.50pm	<p><b>[O1.10] A longitudinal assessment of exposures to pyrethroid pesticides to children in low-income public housing in Boston, MA</b> K.R. Attfield*, G. Adamkiewicz, M. Hughes, J.D. Spengler, L. Tao, M. Kapp, C. Lu, <i>Harvard School of Public Health, USA</i></p>	<p><b>[O2.10] The potential of urban agriculture to improve nutrition and Environment</b> I. Hagsten*<sup>1</sup>, J. Govis<sup>1</sup>, <sup>1</sup>International Organic Inspectors Association, USA, <sup>2</sup>University of Chicago, USA</p>	<p><b>[O3.10] Beyond mercury – Health risks in artisanal small-scale gold mining</b> S. Bose-O'Reilly<sup>1,2</sup>, <sup>1</sup>WHO Collaborating Centre for Occupational Health, Germany, <sup>2</sup>University for Health Sciences, Austria</p>	<p><b>[O4.10] Indoor assessment in day care centers environments</b> A. Mendes, L. Aguiar, C. Pereira, D. Mendes, P. Neves, S. Pinho, J.P.F. Teixeira*, <i>National Institute of Health, Portugal</i></p>
<b>3.50pm – 4.25pm</b>	<b>Coffee Break and Poster Session 1</b> <i>Room: Palm Garden</i>			
4.25pm – 4.45pm	<p><b>[O1.11] Air pollution and atrial fibrillation onset:A population based study in Southern Israel</b></p>	<p><b>[O2.11] Surface mining of coal, human health disparities, and air and water quality in southern West</b></p>	<p><b>[O3.11] Product environmental management and corporate social responsibility in the toy industry: Toy</b></p>	<p><b>[O4.11] The connectivity paradigm to cumulative risk assessment</b> D.A. Sarigiannis*<sup>1,3</sup>, S.P. Karakitsios<sup>1,2</sup>, A.</p>

	M. Yitshak Sade* <sup>1</sup> , A. Vodonos <sup>1,2</sup> , M. Friger <sup>1</sup> , G. Amit <sup>3</sup> , L. Novack <sup>1</sup> , V. Novack <sup>2</sup> , <sup>1</sup> <i>Ben-Gurion University of the Negev, Israel</i> , <sup>2</sup> <i>Clinical Research Center, Soroka University Medical Center, Israel</i> , <sup>3</sup> <i>Department of Cardiology, Soroka University Medical Center, Israel</i>	<b>Virginia</b> W. Orem* <sup>1</sup> , C. Tatu <sup>2</sup> , L. Crosby <sup>1</sup> , A. Kolker <sup>1</sup> , M. Engle <sup>3</sup> , N. Geboy <sup>1</sup> , M. Varonka <sup>1</sup> , A. Bates <sup>1</sup> , R. Crews <sup>1</sup> , <sup>1</sup> <i>U.S. Geological Survey, Reston, VA, USA</i> , <sup>2</sup> <i>University of Medicine and Pharmacy, Timisoara, Romania</i> , <sup>3</sup> <i>U.S. Geological Survey, El Paso, TX, USA</i>	<b>recalls in Brazil tendencies and actions</b> S.G. Gueiros Teixeira* <sup>1</sup> , M.L. Lima de Paula <sup>1</sup> , L.V.C. Vidal de Carvalho <sup>1</sup> , <sup>1</sup> <i>Federal University of Rio de Janeiro, Brazil</i> , <sup>2</sup> <i>Federal University of Rio de Janeiro, Brazil</i> , <sup>3</sup> <i>Federal University of Rio de Janeiro, Brazil</i>	Gotti <sup>1,2</sup> , G. Cimino-Reale <sup>4</sup> , <sup>1</sup> <i>Aristotle University of Thessaloniki, Greece</i> , <sup>2</sup> <i>Centre for Research and Technology Hellas, Greece</i> , <sup>3</sup> <i>European Commission - Joint Research Centre, Italy</i> , <sup>4</sup> <i>National Cancer Institute, Italy</i>
4.45pm – 5.05pm	<b>[O1.12] The effects of air pollution on children health in the Czech Republic</b> R.J. Sram, <i>Institute of Experimental Medicine AS CR, Czech Republic</i>	<b>[O2.12] Selenomethionine protects against neuronal degeneration by methylmercury in the developing rat brain</b> M. Sakamoto* <sup>1</sup> , A. Yasutake <sup>1</sup> , A. Kakita <sup>2</sup> , M. Ryofuku <sup>2</sup> , H.M. Chan <sup>3</sup> , M. Yamamoto <sup>1</sup> , S. Oumi <sup>4</sup> , S. Kobayashi <sup>4</sup> , C. Watanabe <sup>4</sup> , <sup>1</sup> <i>National Institute for Minamata Disease, Japan</i> , <sup>2</sup> <i>Niigata University, Japan</i> , <sup>3</sup> <i>University of Ottawa, Canada</i> , <sup>4</sup> <i>University of Tokyo, Japan</i>	<b>[O3.12] Assessment of the contribution of wildfires on ozone concentrations in the central US-Mexico border region</b> D.W. DuBois* <sup>1</sup> , M.C. Chalbot <sup>2</sup> , I.G. Kavouras <sup>1</sup> , <sup>1</sup> <i>New Mexico State University, USA</i> , <sup>2</sup> <i>University of Arkansas for Medical Sciences, USA</i>	<b>[O4.12] Characterization of the interaction between cadmium and chlorpyrifos in incurring synergistic hepatotoxicity</b> L. Chen, G. Qu, X. Sun, J. Liu*, N. Sang, Y. Du, <i>Chinese Academy of Sciences, China</i>
5.05pm – 5.25pm	<b>[O1.13] Association between exposure to outdoor air quality and birth weight in the portuguese GISA project birth cohort study</b> M. Castro Ribeiro* <sup>1</sup> , C. Branquinho <sup>2</sup> , F. Santos <sup>3</sup> , M.J. Pereira <sup>1</sup> , <sup>1</sup> <i>Instituto Superior Técnico, Universidade Técnica de Lisboa, Portugal</i> , <sup>2</sup> <i>Faculdade de Ciências, Universidade de Lisboa, Portugal</i> , <sup>3</sup> <i>Administração Regional de Saúde Alentejo, Direção Geral de Saúde, Portugal</i>	<b>[O2.13] Evaluating the image of urban environment on children and youth in deteriorated areas Case study: Sanglaj neighborhood in the city of Tehran, Iran</b> M. Farash Khiabani, F. Farrash Khiabani*, M. Abbaszadegan, <i>Iran university of Science and Technology, Iran</i>	<b>[O3.13] Contamination profiles of selected organohalogen compounds in sediment and fish samples from riverine and brackish waters of Savannah, Georgia, USA</b> D. Benningfield <sup>1</sup> , B. Cassidy <sup>1</sup> , J.P. Richardson <sup>2</sup> , K.S. Sajwan* <sup>2</sup> , B.G. Loganathan <sup>1</sup> , <sup>1</sup> <i>Murray State University, USA</i> , <sup>2</sup> <i>Savannah State University, USA</i>	<b>[O4.13] Advancing high-throughput assessment of exposure potential</b> P.P. Egeghy* <sup>1</sup> , J.F. Wambaugh <sup>2</sup> , H. Özkaynak <sup>1</sup> , M-R. Goldsmith <sup>1</sup> , D.A. Vallero <sup>1</sup> , K. Isaacs <sup>1</sup> , E.A. Cohen Hubal <sup>2</sup> , <sup>1</sup> <i>U.S. Environmental Protection Agency, National Exposure Research Laboratory, USA</i> , <sup>2</sup> <i>U.S. Environmental Protection Agency, National Center for Computational Toxicology, USA</i>
5.25pm – 5.45pm	<b>[O1.14] The results of polish spirometry day 2011 - Is it a good way for increasing the public awareness about respiratory diseases?</b>			<b>[O4.14] "Old" and "new" flame retardants in the Great Lakes atmosphere</b> A. Salamova*, R.A. Hites, <i>Indiana University, USA</i>
5.45pm – 6.05pm	A.J. Badyda* <sup>1</sup> , P. Dabrowiecki <sup>2</sup> , E. Swietlik <sup>3</sup> , A. Gayer <sup>1</sup> , D. Mucha <sup>1</sup> , A. Doboszynska <sup>4</sup> , <sup>1</sup> <i>Warsaw University of</i>			<b>[O4.15] Hydrogen sulfide gas exposure in appalachian coal-field communities</b> D.S. Simonton* <sup>1</sup> , S. King <sup>2</sup> , <sup>1</sup> <i>Marshall</i>

	<i>Technology, Poland,<sup>2</sup>Central Clinical Hospital of the Ministry of National Defence, Poland,<sup>3</sup>Medical University of Warsaw, Internal and Cardiology Department, Poland,<sup>4</sup>Medical University of Warsaw, Clinical Nursing Department, Poland</i>			<i>University, USA,<sup>2</sup>none, USA</i>
<b>TUESDAY 5<sup>TH</sup> MARCH 2013</b>				
8.00am – 8.40am	<b>[K5] Environment, Health and changing economic conditions in countries in Central and Eastern Europe</b> A. Karpov, <i>Ecologic Safety and Environmental Protection Commission, Russia</i> Room: Grand Ballroom Salons A-F			
8.40am – 9.20am	<b>[K6] Behavior, social stress and exposure to environmental chemicals</b> S.H. Swan, <i>Mount Sinai School of Medicine, USA</i> Room: Grand Ballroom Salons A-F			
9.20am – 10.00am	<b>[K7] Environmental Epigenetics - Methods and tools to identify environmental programming of health and disease</b> A. Baccarelli, <i>Harvard School of Public Health, USA</i> Room: Grand Ballroom Salons A-F			
10.00am – 10.40am	<b>[K8] Perinatal effects of low dose exposure to bisphenol A: Towards metabolomics-based phenotypic biomarkers of endocrine disruption?</b> D. Zalko, <i>Institut National de la Recherche Agronomique, France</i> Room: Grand Ballroom Salons A-F			
10.40am – 11.15am	<b>Coffee Break and Poster Session 2</b> Room: Palm Garden			
	<b>Oral Session 5: Epidemiology II</b> Chairs: J. Legler, <i>VU University, The Netherlands</i>	<b>Oral Session 6: Nature- human health interactions</b> Chairs: L.N. Vandenberg, <i>Tufts University, USA</i> ; L.Y. Xu, <i>Beijing Normal University, China</i>	<b>Oral Session 7: Urban environment and health</b> Chairs: M. Rappolder, <i>Federal Environment Agency, Germany</i>	<b>Oral Session 8: Climate change and health</b> Chair: J.L. Peters, <i>Boston University, USA</i>
	Room: Grand Ballroom Salons A-C	Room: Grand Ballroom Salons D-F	Room: Grand Ballroom Salons G-I	Room: Grand Ballroom Salons J-L
11.15am – 11.35am	<b>[O5.1] Exposure levels of environmental endocrine disruptors in mother-newborn pairs in China and their placental transfer characteristics</b> L.X. Li <sup>1</sup> , X.Z. Meng <sup>1,2</sup> , B.H. Chen <sup>1</sup> , Y.H. Zhang <sup>*1</sup> , <sup>1</sup> <i>Fudan University, China</i> , <sup>2</sup> <i>Tongji University, China</i>	<b>[O6.1] An innovative approach in environmental health education introducing and combining tacit knowledge with explicit knowledge</b> P. Nicolopoulou-Stamati <sup>*1</sup> , L. Hens <sup>2</sup> , I. Matiatos <sup>1</sup> , C. Kotampasi <sup>1</sup> , P. Stamatis <sup>1</sup> , A.J. Sasco <sup>1</sup> , <sup>1</sup> <i>UoA, Greece</i> , <sup>2</sup> <i>VITO, Belgium</i> , <sup>3</sup> <i>Inserm U 897, France</i>	<b>[O7.1] Simulating population exposures and vulnerability attributes for effects-based cumulative risk assessments</b> J.I. Levy <sup>*</sup> , P. Fabian, J.L. Peters, <i>Boston University School of Public Health, USA</i>	<b>[O8.1] Air quality modeling for the Kawasaki city, greater Tokyo area using a high resolution WRF/chem model</b> K.M. Habib Al Razi <sup>*</sup> , H. Moritomi, <i>Gifu University, Japan</i>

11.35am - 11.55am	<p><b>[O5.2] NHANES data support link between handling of thermal paper receipts and increased urinary bisphenol a excretion</b> R.S. Hehn, <i>University of California, Berkeley, USA</i></p>	<p><b>[O6.2]</b> B. Custer<sup>2</sup>, B. Kone<sup>1</sup>, E. Kouassi<sup>4</sup>, P. Watts<sup>*3</sup>, <sup>1</sup><i>Swiss Centre for Scientific Research, Swaziland</i>, <sup>2</sup><i>World Agroforestry Centre, China</i>, <sup>3</sup><i>Daluhay, Canada</i>, <sup>4</sup><i>University of Montreal, Canada</i></p>	<p><b>[O7.2] Assessment of industry-induced urban human health risk based on a multimedia fugacity model</b> L.Y. Xu*, H.M. Song, Y.C. Zhao, <i>Beijing Normal University, China</i></p>	<p><b>[O8.2] Modeling of atmospheric transportation and deposition of mercury: A case study in Japan</b> K.M. Habib Al Razi*, M. Hiroshi, <i>Gifu University, Japan</i></p>
11.55am-12.15pm	<p><b>[O5.3] Affection of bisphenol A exposure on steroid hormones-related endocrine system in children and adolescents</b> H.X. Wang<sup>1</sup>, Y. Zhou<sup>*1</sup>, C.X. Tang<sup>2</sup>, J.G. Wu<sup>2</sup>, Q.W. Jiang<sup>1</sup>, <sup>1</sup><i>Fudan University, China</i>, <sup>2</sup><i>Centers for Disease Control and Prevention of Changning District, China</i></p>	<p><b>[O6.3] What are the health and well-being impacts of participating in environmental enhancement activities? A systematic review of the quantitative and qualitative evidence</b> R. Garside*, K. Husk, R. Lovell, C. Cooper, <i>University of Exeter, UK</i></p>	<p><b>[O7.3] Sources and Fates of Solid-Bound Potentially Toxic Elements in Urban Environments</b> N.S. Duzgoren-Aydin*, D. Freile, H. Kutassy, M. Hart, <i>New Jersey City University, USA</i></p>	<p><b>[O8.3] Climate change and urban health</b> N.L. Sa<sup>*1,2</sup>, M.R. Partidario<sup>1</sup>, <sup>1</sup><i>College of Health Technology of Coimbra, Portugal</i>, <sup>2</sup><i>Technical Institute of Lisbon, Portugal</i></p>
12.15pm – 12.35pm	<p><b>[O5.4] Bisphenol A and couple fecundity, the LIFE study</b> G. Buck Louis<sup>*1</sup>, R. Sundaram<sup>1</sup>, E. Schisterman<sup>1</sup>, A. Sweeney<sup>2</sup>, J. Maisog<sup>1</sup>, S. Kim<sup>1</sup>, Z. Chen<sup>1</sup>, L. Wang<sup>3</sup>, K. Kannan<sup>3</sup>, <sup>1</sup><i>NICHD, USA</i>, <sup>2</sup><i>Texas A&amp; M, USA</i>, <sup>3</sup><i>NYS Department of Health, USA</i></p>	<p><b>[O6.4] Assessing the impact of biodiversity on well-being: Can birds make us happy?</b> N.E. Clark<sup>*1</sup>, S. Butler<sup>2</sup>, R. Bradbury<sup>3</sup>, R. Metcalfe<sup>4</sup>, K. Norris<sup>1</sup>, <sup>1</sup><i>University of Reading, UK</i>, <sup>2</sup><i>University of East Anglia, UK</i>, <sup>3</sup><i>Royal Society for the Protection of Birds, UK</i>, <sup>4</sup><i>University of Chicago, USA</i></p>	<p><b>[O7.4] Coarse, fine and ultrafine PM impact on in vitro systems. Effects and mechanisms of the different fractions</b> L. Capasso<sup>1</sup>, E. Longhin<sup>1</sup>, A. D'Anna<sup>2</sup>, M. Camatini<sup>1</sup>, M. Gualtieri<sup>*1</sup>, <sup>1</sup><i>University of Milano Bicocca, Italy</i>, <sup>2</sup><i>University Federico II, Italy</i></p>	<p><b>[O8.4] Impact of climate change on hospital visits for diarrhoea in urban Dhaka, Bangladesh: A time-series analysis</b> F. Haque<sup>*1,2</sup>, M. Rahman<sup>2</sup>, K. Hossain<sup>1</sup>, S. Khatun<sup>2</sup>, M. Ahmed<sup>2</sup>, M.M. Husain<sup>2</sup>, A.S.M. Alamgir<sup>2</sup>, N.N. Banu<sup>2</sup>, <sup>1</sup><i>International Centre for Diarrhoeal Diseases Research, Bangladesh</i>, <sup>2</sup><i>IEDCR, Bangladesh</i></p>
12.35pm – 12.55pm	<p><b>[O5.5] Urinary concentrations of bisphenol A and phthalates and endometriosis, the ENDO study</b> G. Buck Louis<sup>*1</sup>, C.M. Peterson<sup>2</sup>, Z. Chen<sup>1</sup>, M. Hediger<sup>1</sup>, M. Croughan<sup>3</sup>, R. Sundaram<sup>1</sup>, J. Stanford<sup>2</sup>, M. Varner<sup>2</sup>, L. Sun<sup>1</sup>, L. Wang<sup>4</sup>, <sup>1</sup><i>NICHD, USA</i>, <sup>2</sup><i>University of Utah, USA</i>, <sup>3</sup><i>University of California, San Francisco, USA</i>, <sup>4</sup><i>NYS Department of Health, USA</i></p>	<p><b>[O6.5] What are the health and well-being impacts of participating in environmental enhancement activities? A systematic review of the quantitative and qualitative evidence</b> K. Husk, R. Lovell, C. Cooper, R. Garside*, <i>University of Exeter Medical School, UK</i></p>	<p><b>[O7.5] Mapping PM<sub>2.5</sub> concentrations distribution by biological monitoring in tel-aviv metropolitan area</b> A. Lavi<sup>*1,2</sup>, E. Fireman<sup>2,4</sup>, I. Omer<sup>3</sup>, O. Puchter<sup>3</sup>, <sup>1</sup><i>Environmental Studies School Porter, Tel Aviv University, Israel</i>, <sup>2</sup><i>Tel Aviv Medical Center, Israel</i>, <sup>3</sup><i>Tel Aviv University, Faculty of Humanities, Israel</i>, <sup>4</sup><i>Tel Aviv University, Faculty of Medicine, Israel</i></p>	<p><b>[O8.5] Analysis of the climate change's effect on public health due to the greenhouse gases (GHGs) in the State of São Paulo, Brazil</b> C.M.S. Sena, S.G.K. Miraglia*, <i>Federal University of São Paulo, Brazil</i></p>

12.55pm – 1.15pm	<p><b>[O5.6] Childhood exposure to DEHP, DBP and BBP in Denmark and Korea - A comparative study of source intensity and exposure factor to aggregate exposure</b> J.H. Lee*<sup>1</sup>, J.H. Lee<sup>2</sup>, C.K. Kim<sup>2</sup>, M. Thomsen<sup>1</sup>, <sup>1</sup>Aarhus University, Denmark, <sup>2</sup>NeoEnbiz, Republic of Korea</p>	<p><b>[O6.6] Rural environment, wealth and health: Evidence from Thailand</b> K. Sanglimsuwan, <i>Bangkok University, Thailand</i></p>	<p><b>[O7.6] A regression model to evaluate exposures to ultrafine particles in an urban near-highway neighborhood</b> A.P. Patton*<sup>1</sup>, C. Collins<sup>1</sup>, W. Zamore<sup>2</sup>, E.N. Naumova<sup>1</sup>, D. Brugge<sup>1</sup>, J.L. Durant<sup>1</sup>, <sup>1</sup>Tufts University, USA, <sup>2</sup>Somerville Transportation Equity Partnership, USA</p>	<p><b>[O8.6] Managing the health effects of temperature in response to climate change: Challenges ahead</b> C. Huang*<sup>1,2</sup>, A.G. Barnett<sup>1</sup>, Z. Xu<sup>1</sup>, X. Wang<sup>3</sup>, C. Chu<sup>2</sup>, L.R. Turner<sup>1</sup>, S. Tong<sup>1</sup>, <sup>1</sup>Queensland University of Technology, Australia, <sup>2</sup>Griffith University, Australia, <sup>3</sup>CSIRO, Australia</p>
1.15pm – 2.30pm	<p><b>Lunch and Poster Session 2</b> <i>Room: Palm Garden</i></p>			
2.30pm – 2.50pm	<p><b>[O5.7] Lactational exposure to polychlorinated biphenyls (PCBs) and ADHD-related behaviors in 8-year-old children</b> M.A. Verner*<sup>1,2</sup>, J.E. Hart<sup>1</sup>, S.K. Sagiv<sup>3</sup>, D.C. Bellinger<sup>1,4</sup>, L.M. Altshul<sup>4,5</sup>, S.A. Korrick<sup>1,4</sup>, <sup>1</sup>Harvard Medical School, USA, <sup>2</sup>Karolinska Institutet, Sweden, <sup>3</sup>Boston University School of Public Health, USA, <sup>4</sup>Harvard School of Public Health, USA, <sup>5</sup>Environmental Health and Engineering, USA</p>	<p><b>[O6.7] Inclusive parks programming and mental well-being: Exploring upstream approaches for mental health promotion</b> S.L. Jakubec*<sup>1</sup>, D. Carruthers Den-Hoed<sup>2</sup>, E. Danelesko<sup>1</sup>, <sup>1</sup>Mount Royal University, Canada, <sup>2</sup>Alberta Parks, Canada</p>	<p><b>[O7.7] Removal of arsenic and bacteria by point-of-use (POU) water treatment systems in Hanoi City, Vietnam</b> T.A. Do*<sup>1</sup>, K. Kuroda<sup>1</sup>, T. Hayashi<sup>2</sup>, T.V.N. Tran<sup>3</sup>, K. Oguma<sup>1</sup>, S. Takizawa<sup>1</sup>, <sup>1</sup>The University of Tokyo, Japan, <sup>2</sup>Akita University, Japan, <sup>3</sup>University of Civil Engineering, Viet Nam</p>	<p><b>[O8.7] Climate change and urban environmental health in estuarine area--- A case of Shanghai, China</b> X. Wang*<sup>1</sup>, H. Ling<sup>1</sup>, S. Wang<sup>2</sup>, <sup>1</sup>Fudan University, China, <sup>2</sup>Boston University, USA</p>
2.50pm – 3.10pm	<p><b>[O5.8] First nations biomonitoring of environmental contaminants</b> E. La Corte, D. Garcia*, S. Wuttke, <i>Assembly of First Nations, Canada</i></p>	<p><b>[O6.8] Organic land management improves soil stewardship and human nutrition</b> I. Hagsten, <i>International Organic Inspectors Association, USA</i></p>	<p><b>[O7.8] Source apportionment of summertime pm2.5 in Halifax, Nova Scotia, 2011</b> D. Toganassova*<sup>1</sup>, M.D. Gibson<sup>1</sup>, J. Kuchta<sup>1</sup>, L. Chisholm<sup>2</sup>, T. Duck<sup>3</sup>, J. Hopper<sup>1,3</sup>, S. Beauchamp<sup>2</sup>, D. Waugh<sup>2</sup>, G. King<sup>1</sup>, J. Pierce<sup>3</sup>, <sup>1</sup>Dalhousie University, Canada, <sup>2</sup>Environment Canada, Canada, <sup>3</sup>Dalhousie University, Canada, <sup>4</sup>Health Canada, Canada, <sup>5</sup>The University of Edinburgh, UK</p>	<p><b>[O8.8] Impacts of thermal stress and air pollution on hospital admissions during summer months in Berlin-Brandenburg (Germany)</b> K. Scherber*<sup>2</sup>, S. Breitner<sup>1</sup>, A. Peters<sup>1</sup>, M. Langner<sup>2</sup>, W.R. Endlicher<sup>2</sup>, <sup>1</sup>Helmholtz Zentrum München - German Research Center for Environmental Health, Germany, <sup>2</sup>Humboldt-Universität zu Berlin, Germany</p>
3.10pm – 3.30pm	<p><b>[O5.9] History of Inuit community exposure to trace metals and PCBs in the Canadian Arctic</b> M.H. Hermanson, <i>University Center on Svalbard, Norway</i></p>	<p><b>[O6.9] Exploring UNESCO-mandated biosphere reserves as bridging organizations integrating health promotion and sustainability governance</b></p>	<p><b>[O7.9] Distribution and health risk assessment of heavy metals in urban surface dusts</b> W. Singhirunnusorn*<sup>1</sup>, J. Ma<sup>2</sup>, Y. Li<sup>2</sup>, N. Sahachaisaeree<sup>3</sup>, <sup>1</sup>Maharakham</p>	<p><b>[O8.9] The mitigation effect of urban green on heat-related excess mortality in Lisbon, Portugal</b> K. Burkart*<sup>1</sup>, F. Meier<sup>1,2</sup>, P. Canário<sup>1,3</sup>, M. Joao Alcoforado<sup>1,3</sup>, D. Scherer<sup>1,2</sup>, W.</p>



		P.K. Abernethy, <i>University of Waterloo, Canada</i>	<i>University, Thailand, <sup>2</sup>Beijing Normal University, China, <sup>3</sup>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>	Endlicher <sup>1</sup> , <sup>1</sup> <i>Humboldt Universität zu Berlin, Germany, <sup>2</sup>Technische Universität Berlin, Germany, <sup>3</sup>Universidade Lisboa, Portugal</i>
3.30pm – 3.50pm	<b>[O5.10] Urinary arsenic species and risk of squamous cell carcinoma in a U.S. population-based case-control study</b> D. Gilbert-Diamond* <sup>1</sup> , Z. Li <sup>1</sup> , A. Perry <sup>1</sup> , S. Spencer <sup>1</sup> , A.J. Gandolfi <sup>2</sup> , M.R. Karagas <sup>1</sup> , <sup>1</sup> <i>Geisel School of Medicine, USA, <sup>2</sup>University of Arizona, USA</i>	<b>[O6.10] Wildfire particulate emissions and respiratory health: Model application and implications under a changing climate</b> N.H.F. French* <sup>1</sup> , B. Thelen <sup>1</sup> , M. Billmire <sup>1</sup> , B. Koziol <sup>1</sup> , R.C. Owen <sup>1</sup> , J. Johnson <sup>2</sup> , M. Ginsberg <sup>2</sup> , T.V. Loboda <sup>3</sup> , S. Wu <sup>4</sup> , <sup>1</sup> <i>Michigan Tech Research Institute, USA, <sup>2</sup>San Diego County Health and Human Service Agency, USA, <sup>3</sup>University of Maryland, USA, <sup>4</sup>Michigan Technological University, USA</i>	<b>[O7.10] The influence of tree stands and a noise barrier on near-roadway air quality</b> A. Khlystov* <sup>1</sup> , M. Lin <sup>2</sup> , G.S.W. Hagler <sup>3</sup> , R.W. Baldauf <sup>3</sup> , V. Isakov <sup>3</sup> , J. Faircloth <sup>3</sup> , L. Jackson <sup>3</sup> , <sup>1</sup> <i>Research Triangle Institute, USA, <sup>2</sup>Duke University, USA, <sup>3</sup>US EPA, USA</i>	<b>[O8.10] The UK 2050 climate change abatement policies for housing energy efficiency: Health impact and implications for policymakers</b> I.G. Hamilton* <sup>1</sup> , J. Milner <sup>2</sup> , Z. Chalabi <sup>2</sup> , P. Das <sup>2</sup> , B. Jones <sup>1</sup> , C. Shrubsole <sup>1</sup> , I. Ridley <sup>1</sup> , M. Davies <sup>1</sup> , P. Wilkinson <sup>2</sup> , <sup>1</sup> <i>University College London, UK, <sup>2</sup>London School of Hygiene and Tropical Medicine, UK</i>
<b>3.50pm – 4.35pm</b>	<b>Coffee Break and Poster Session 2</b> <i>Room: Palm Garden</i>			
4.35pm – 4.55pm	<b>[O5.11] The environmental determinants of mesothelioma in New Caledonia</b> F. Baumann* <sup>1</sup> , J.P. Ambrosi <sup>2</sup> , P. Maurizot <sup>3</sup> , B. Robineau <sup>4</sup> , <sup>1</sup> <i>University of Hawaii Cancer Center, USA, <sup>2</sup>CEREGE, France, <sup>3</sup>BRGM, New Caledonia, <sup>4</sup>CNRT Le Nickel et son Environnement, New Caledonia</i>	<b>[O6.11] Presence of arsenic in baby food: Is it the issue of concern?</b> Z. Vincevica-Gaile* <sup>1</sup> , Y.F. Lawgali <sup>2</sup> , A.A. Meharg <sup>2</sup> , M. Klavins <sup>1</sup> , <sup>1</sup> <i>University of Latvia, Latvia, <sup>2</sup>University of Aberdeen, UK</i>	<b>[O7.11] A study of air pollution impact on mortality in Spain: Operational short-term impact tool with MM5-CMAQ modelling system</b> R. San Jose* <sup>1</sup> , J.L. Perez <sup>1</sup> , R.M. Gonzalez-Barras <sup>2</sup> , <sup>1</sup> <i>Technical University of Madrid, Spain, <sup>2</sup>Complutense University of Madrid, Spain</i>	<b>[O8.11] Impact of climate change on hospital visits for diarrhoea in urban Dhaka, Bangladesh: A time-series analysis</b> F. Haque* <sup>1,2</sup> , M. Rahman <sup>2</sup> , K. Hossain <sup>1</sup> , S. Khatun <sup>2</sup> , M. Ahmed <sup>2</sup> , M.M. Husain <sup>2</sup> , A.S.M. Alamgir <sup>2</sup> , N.N. Banu <sup>2</sup> , E.S. Gurley <sup>1</sup> , <sup>1</sup> <i>International Centre for Diarrhoeal Diseases Research, Bangladesh, <sup>2</sup>Institute of Epidemiology, Disease Control and Research (IEDCR), Bangladesh</i>
4.55pm – 5.15pm	<b>[O5.12] Higher brominated PBDEs and their hydroxylated metabolites (OH-PBDEs) in pooled human serum from urban population in Guangzhou, South China</b> S.T. Ma <sup>1</sup> , Z.Q. Yu <sup>1</sup> , G.F. Ren <sup>2</sup> , K.W. Zheng <sup>2</sup> , P.A. Peng <sup>1</sup> , G.Y. Sheng <sup>1</sup> , J.M. Fu <sup>1</sup> , <sup>1</sup> <i>Guangzhou Institute of Geochemistry, China, <sup>2</sup>Shanghai University, China</i>	<b>[O6.12] Nutrient-contaminant profiles in seafood and among avid seafood consumers</b> R. Karimi*, J.R. Meliker, N.S. Fisher, <i>Stony Brook University, USA</i>	<b>[O7.12] Rain water tanks used to measure air-borne dust pollution</b> M.P. Matisons, <i>Department of Health WA, Australia</i>	<b>[O8.12] Update of humidex for climate-mortality risk assessment</b> J. Jbilou* <sup>1</sup> , S. El Adlouni <sup>2</sup> , A. Yagouti <sup>3</sup> , <sup>1</sup> <i>Centre de Formation Médicale du Nouveau Brunswick, Canada, <sup>2</sup>Université de Moncton, Canada, <sup>3</sup>Santé Canada, Canada</i>

5.15pm – 5.35pm	<p><b>[O5.13] Abnormal liver function tests are associated with IgE sensitisation in NHANES 2005-6</b>  N.J. Osborne*<sup>1,2</sup>, I. Shiue<sup>1</sup>, J. Tyrrell<sup>1</sup>, R.J. Boyle<sup>3</sup>, <sup>1</sup>University of Exeter Medical School, UK, <sup>2</sup>Murdoch Childrens Research Institute, Australia, <sup>3</sup>Imperial College, UK</p>	<p><b>[O6.13] Photolysis and toxicity changes of pharmaceuticals during the river transport</b>  S. Hanamoto*, T. Kawakami, N. Yamashita, N. Nakada, H. Tanaka, <i>Kyoto University, Japan</i></p>	<p><b>[O7.13] Neighborhood environment and residents health in Beijing, China</b>  G. Huang, <i>Beijing Normal University, China</i></p>	<p><b>[O8.13] Prevalence of Norovirus in the sewage Outfall sites of Chennai city, India- A threat to human</b>  A. Muthukumar<sup>1</sup>, K. Senthilkumar*<sup>2</sup>, <sup>1</sup>Defence Research and Development Organisation-Bharathiar University Center for Life Sciences, India, <sup>2</sup>National Environmental Engineering Research Institute- Chennai Zonal Laboratory, CSIR, India</p>
5.35pm – 5.55pm	<p><b>[O5.14] A survey of consumer product companies to explore REACH understanding and compliance, flow of chemicals information in supply chains, and unmet information needs</b>  C.E. Scruggs<sup>1</sup>, <sup>1</sup>Stanford University, USA, <sup>2</sup>University of New Mexico, USA</p>	<p><b>[O6.14] Risk of trace elements phytotoxicity and relationships between their accumulation in soil and plants in new ecosystems developed on reclaimed mine sites</b>  M. Pietrzykowski*<sup>1</sup>, J. Socha<sup>1</sup>, N.S. van Doorn<sup>2</sup>, <sup>1</sup>University of Agriculture in Krakow, Poland, <sup>2</sup>University of California, Berkeley, Poland</p>	<p><b>[O7.14] Analysis of urban spatial pollution patterns using high resolution aerosol data from MODIS</b>  A. Chudnovsky*<sup>1</sup>, A. Kostinski<sup>2</sup>, A. Lyapustin<sup>3</sup>, P. Koutrakis<sup>1</sup>, <sup>1</sup>Harvard University, USA, <sup>2</sup>MTU, USA, <sup>3</sup>NASA, USA</p>	<p><b>[O8.14] A business case for chemicals policy reform in the United States: Challenges of voluntary chemicals management strategies for protecting human and environmental health</b>  C.E. Scruggs*<sup>1,2</sup>, L. Ortolano<sup>1</sup>, M.P. Wilson<sup>3</sup>, M.R. Schwarzman<sup>3</sup>, <sup>1</sup>Stanford University, USA, <sup>2</sup>University of New Mexico, USA, <sup>3</sup>University of California at Berkeley, USA</p>
5.55pm – 6.15pm		<p><b>[O6.15] Contamination with environmental chemical substances in medicine for assisted reproductive technology(ART)</b>  T. Makino, <i>Tohbu Hospital, Gotemba, Japan</i></p>	<p><b>[O7.15] Use of perfluorocarbon tracers to characterize air flow and pollution transport in an urban high rise apartment building</b>  T. Sullivan*<sup>1</sup>, T. Watson<sup>1</sup>, R. Dietz<sup>1</sup>, G. Mallach<sup>2</sup>, R. Kulka<sup>2</sup>, L. Wallace<sup>3</sup>, M. Johnson<sup>1</sup>, <sup>1</sup>Brookhaven National Laboratory, USA, <sup>2</sup>Health Canada, Canada, <sup>3</sup>Consultant, USA</p>	
6.15pm – 6.35pm			<p><b>[O7.16] Case studies of synthetic pyrethroid paraesthesia</b>  M.P. Matisons, <i>Department of Health, Australia</i></p>	
6.35pm – 6.55pm			<p><b>[O7.17] Health concerns reported more in residential environments with high electromagnetic exposures</b>  M. Hagström*, R. Ekman, J. Auranen, <i>Turku University of Applied Sciences, Finland</i></p>	

WEDNESDAY 6 <sup>TH</sup> MARCH 2013				
8.00am – 8.40am	<b>[K9] Low dose effects and nonmonotonic dose response curves</b> L.N. Vandenberg, <i>Tufts University, USA</i> Room: Grand Ballroom Salons A-F			
8.40am – 9.20am	<b>[K10] Endocrine disruptors as epimutagens</b> T. Shioda, <i>Harvard University, USA</i> Room: Grand Ballroom Salons A-F			
9.20am – 10.00am	<b>[K11] Developmental exposure to chemicals and obesity: Linking toxicology and epidemiology</b> J. Legler, <i>VU University, The Netherlands</i> Room: Grand Ballroom Salons A-F			
10.00am – 10.40am	<b>[K12] Children's environmental health study-Challenges we face</b> S.F. Nakayama, <i>National Institute for Environmental Studies, Japan</i> Room: Grand Ballroom Salons A-F			
10.40am – 11.15am	<b>Coffee Break and Poster Session 3</b> Room: Palm Garden			
	<b>Oral Session 9: Epidemiology III - Epigenetics</b> Chair: D.H. Lee, <i>Kyungpook National University, Republic of Korea</i>	<b>Oral Session 10: Environmental justice</b> Chair: A.M. Soto, <i>Tufts University School of Medicine, USA</i>	<b>Oral Session 11: Urban environment II</b> Chairs: P. Nicolopoulou-Stamati, <i>UoA, Greece</i> ; C. Bunge, <i>Federal Environment Agency, Germany</i>	<b>Oral Session 12: Translating science into political action</b> Chair: E. Silbergeld, <i>Johns Hopkins University, USA</i>
	Room: Grand Ballroom Salons A-C	Room: Grand Ballroom Salons D-F	Room: Grand Ballroom Salons G-I	Room: Grand Ballroom Salons J-L
11.15am – 11.35am	<b>[O9.1] Autoimmune disease triggered by trichloroethylene is associated with epigenetic alterations in CD4<sup>+</sup> T cells</b> K.M. Gilbert <sup>*1</sup> , S.J. Blossom <sup>1</sup> , C. Cooney <sup>2</sup> , <sup>1</sup> <i>University of Arkansas for Medical Sciences, USA</i> , <sup>2</sup> <i>Central Arkansas Veterans Healthcare System, USA</i>	<b>[O10.1] Using inequality measures to incorporate environmental justice into regulatory analyses at the United States Environmental Protection Agency</b> S. Harper <sup>1</sup> , E. Ruder <sup>2</sup> , H.A. Roman <sup>2</sup> , A. Geggel <sup>2</sup> , O. Nweke <sup>3</sup> , D. Payne-Sturges <sup>3</sup> , J.I. Levy <sup>*4</sup> , <sup>1</sup> <i>McGill University, Canada</i> , <sup>2</sup> <i>Industrial Economics, USA</i> , <sup>3</sup> <i>US Environmental Protection Agency, USA</i> , <sup>4</sup> <i>Boston University School of Public Health, USA</i>	<b>[O11.1] Understanding the influence of public health practice on disease occurrence during 2011 Thailand flood</b> J. Sangsanont <sup>*</sup> , A. Kyoungjin, H. Furumai, <i>The University of Tokyo, Japan</i>	<b>[O12.1] Knowledge into action: Some lessons from the histories of hazards</b> S.F. Hansen <sup>*1</sup> , D. Gee <sup>1,2</sup> , <sup>1</sup> <i>Technical University of Denmark, Denmark</i> , <sup>2</sup> <i>European Environment Agency, Denmark</i>
11.35am -11.55am	<b>[O9.2] Neuronal differentiation of mouse embryonic stem cells as an alternative model to screen for developmental neurotoxins</b> C.E. McDonald <sup>*</sup> , M. Zagzoog, M. El	<b>[O10.2] Environment-related health concerns: Market access challenges for Bangladesh fish and fish products</b> P. Royhan, <i>Macquarie University,</i>	<b>[O11.2] Traffic exposure and mortality in census tracts in southern European and Mediterranean municipalities</b> L. Cirera <sup>1,2</sup> , M. Saez <sup>2,3</sup> , J. Giménez <sup>*4</sup> , M.A. Barceló <sup>2,3</sup> , M. Ballesta <sup>1</sup> , D. Varga <sup>2</sup>	<b>[O12.2] Biomonitoring and public health policy</b> K.G. Russ, <i>Collaborative on Health and the Environment, USA</i>

	Majdoubi, <i>Dominican University of California, USA</i>	<i>Australia</i>	<sup>3</sup> , J.C. Casado <sup>5</sup> , C. Navarro <sup>1</sup> <sup>2</sup> , <sup>1</sup> <i>Regional Health Council of Murcia, Spain, <sup>2</sup>Consortium for Biomedical Research in Epidemiology and Public Health, Spain, <sup>3</sup>University of Girona, Spain, <sup>4</sup>Miguel Hernández University of Elche, Spain, <sup>5</sup>Regional Environment Council of Murcia, Spain</i>	
11.55am -12.15pm	<b>[O9.3] Chronic p,p'-DDE exposure of rats under high-fat diet exacerbates metabolic syndrome features - Adipose tissue involvement</b> D. Pestana* <sup>1</sup> , D. Teixeira <sup>1</sup> , C. Marques <sup>1</sup> , S. Norberto <sup>1</sup> , V. Fernandes <sup>1,2</sup> , R. Monteiro <sup>1</sup> , J.T. Guimarães <sup>1,3</sup> , V. Domingues <sup>2</sup> , M. Constância <sup>4</sup> , C. Calhau <sup>1</sup> , <sup>1</sup> <i>Porto University, Portugal, <sup>2</sup>REQUIMTE - ISEP, Portugal, <sup>3</sup>S. João Hospital, Portugal, <sup>4</sup>Cambridge University, UK</i>	<b>[O10.3] Environmental inequalities and environmental justice: A Nigerian perspective</b> K.U. Ekwere, <i>University of Uyo, Nigeria</i>	<b>[O11.3] Urban metabolism and the need for final sinks: A case study of the city of Vienna</b> U. Kral*, P.H. Brunner, <i>Vienna University of Technology, Austria</i>	<b>[O12.3] Development of the environmental impact simulation tool for electrical grid interventions</b> J.J. Buonocore*, J.D. Spengler, G.A. Norris, J.I. Levy, <i>Harvard School of Public Health, USA</i>
12.15pm – 12.35pm	<b>[O9.4] Aircraft noise and hospital admission for cardiovascular disease among medicare participants</b> J.L. Peters* <sup>1</sup> , A. Correia <sup>2</sup> , J.I. Levy <sup>1,2</sup> , S. Melly <sup>2</sup> , F. Dominici <sup>2</sup> , <sup>1</sup> <i>Boston University, USA, <sup>2</sup>Harvard University, USA</i>	<b>[O10.4] Environmental and health disparities in residential communities of New Orleans: The need for soil lead intervention to advance primary prevention</b> H.W. Mielke* <sup>1</sup> , C.R. Gonzales <sup>2</sup> , E.T. Powell <sup>2</sup> , P.W. Mielke <sup>3</sup> , <sup>1</sup> <i>Tulane University School of Medicine, USA, <sup>2</sup>Lead Lab, Inc, USA, <sup>3</sup>Colorado State University, USA</i>	<b>[O11.4] How living close to busy roads could affect the efficiency of the respiratory system? The results of the Warsaw (Poland) study</b> A.J. Badyda* <sup>1</sup> , A. Kraszewski <sup>1</sup> , P.O. Czechowski <sup>2</sup> , P. Dabrowiecki <sup>3</sup> , G. Majewski <sup>4</sup> , A. Gayer <sup>1</sup> , W. Lubinski <sup>3</sup> , <sup>1</sup> <i>Warsaw University of Technology, Poland, <sup>2</sup>Gdynia Maritime University, Poland, <sup>3</sup>Central Clinical Hospital of the Ministry of National Defense, Poland, <sup>4</sup>Warsaw University of Life Sciences, Poland</i>	<b>[O12.4] Bridging the gap between science and policy - Results from the ERA-ENVHEALTH project</b> M. Rappolder* <sup>1</sup> , K. Kailer <sup>1</sup> , J. Kandarr <sup>1</sup> , L. Cori <sup>2</sup> , S. De Rosi <sup>2</sup> , J. Harlet <sup>3</sup> , A. Pittman <sup>4</sup> , <sup>1</sup> <i>Federal Environment Agency, Germany, <sup>2</sup>National Research Council, Italy, <sup>3</sup>Federal Public Service, Food Chain Safety and Environment, Belgium, <sup>4</sup>ANSES Agence nationale de sécurité sanitaire de l'alimentation, France</i>
12.35am – 12.55am	<b>[O9.5] Multiple chemical and non-chemical exposures related to blood pressure within the national health and nutrition examination survey</b> J.L. Peters* <sup>1</sup> , M.P. Fabian <sup>1,2</sup> , J.I. Levy <sup>1</sup>	<b>[O10.5] Prospect of payment for environmental service in the blue Nile basin: Example from koga and gumera watersheds, Ethiopia</b> B. Legesse* <sup>1</sup> , F. Hagos <sup>2</sup> , A.	<b>[O11.5] The impact of a Dutch district regeneration initiative on mental health trends: A quasi-experimental evaluation</b> B. Jongeneel-Grimen* <sup>1</sup> , M. Droomers <sup>1</sup> ,	<b>[O12.5] Predicting environmental concentrations of pharmaceuticals and their metabolites for exposure assessment purposes: The role of human consumption, metabolisation,</b>

	<sup>2</sup> , <sup>1</sup> <i>Boston University, USA</i> , <sup>2</sup> <i>Harvard University, USA</i>	Gebresilasse <sup>3</sup> , <sup>1</sup> <i>Brandenburg University of Technology, Germany</i> , <sup>2</sup> <i>International Water Management Institute, Ethiopia</i> , <sup>3</sup> <i>International Livestock Research Institute, Ethiopia</i>	A.M. Van Oers <sup>2,3</sup> , K. Stronks <sup>1</sup> , A.E. Kunst <sup>1</sup> , <sup>1</sup> <i>University of Amsterdam, The Netherlands</i> , <sup>2</sup> <i>National Institute for Public Health and the Environment, The Netherlands</i> , <sup>3</sup> <i>University of Tilburg, The Netherlands</i>	<b>transformation and fate estimations</b> H. Fenet* <sup>1</sup> , L. Arpin-Pont <sup>1</sup> , D. Munaron <sup>2</sup> , A. Van Houtte <sup>2</sup> , A. Fiandrino <sup>2</sup> , O. Mathieu <sup>3</sup> , H. Budzinski <sup>4</sup> , C. Casellas <sup>1</sup> , E. Gomez <sup>1</sup> , <sup>1</sup> <i>Université Montpellier, France</i> , <sup>2</sup> <i>Ifremer, France</i> , <sup>3</sup> <i>Hôpital Lapeyronie, France</i> , <sup>4</sup> <i>Université Bordeaux, France</i>
12.55am – 1.15pm	<b>[O9.6] The impact of exposure to soil derived airborne particles on chronic obstructive pulmonary disease (COPD) in southern Israel</b> A. Vodonos* <sup>1,2</sup> , V. Novack <sup>2</sup> , I. Katra <sup>3</sup> , M. Friger <sup>1</sup> , <sup>1</sup> <i>Department of Epidemiology and Health Services Evaluation, Ben-Gurion University of the Negev, Israel</i> , <sup>2</sup> <i>Soroka University Medical Center, Israel</i> , <sup>3</sup> <i>Geography Department, Ben-Gurion University of the Negev, Israel</i>	<b>[O10.6] Environmental inequality to exposure to airborne particulate matter components in the United States</b> M.L. Bell*, K. Ebisu, <i>Yale University, USA</i>	<b>[O11.6] The influence of NO<sub>2</sub> on pulmonary toxicity in mice sub-chronically exposed to diluted diesel engine exhaust</b> M.E. Gerlofs-Nijland <sup>1</sup> , K. Fuks <sup>2</sup> , H. Hullmann <sup>2</sup> , A.J.F. Boere <sup>1</sup> , P.H.B. Fokkens <sup>1</sup> , C. Albrecht <sup>2</sup> , R.P. Schins <sup>2</sup> , F.R. Cassee* <sup>1,3</sup> , <sup>1</sup> <i>National Institute for Public Health and the Environment, Bilthoven, The Netherlands</i> , <sup>2</sup> <i>Leibniz Research Institute for Environmental Medicine, Düsseldorf, Germany</i> , <sup>3</sup> <i>Utrecht University, Utrecht, The Netherlands</i>	<b>[O12.6] Environmental health interventions—A new international classification</b> N. Fortune*, R.C. Madden, <i>University of Sydney, Australia</i>
<b>1.15pm – 2.30pm</b>	<b>Lunch and Poster Session 3</b> <i>Room: Palm Garden</i>			
	<b>Oral Session 9: Research</b> Chair: S.F. Hansen <i>Technical University of Denmark, Denmark</i>	<b>Oral Session 10: Environmental justice</b> Chair: A.M. Soto, <i>Tufts University School of Medicine, USA</i>	<b>Oral Session 11: Urban environment II</b> Chairs: P. Nicolopoulou-Stamati, <i>UoA, Greece</i> ; C. Bunge, <i>Federal Environment Agency, Germany</i>	<b>Oral Session 12: Translating science into political action</b> Chair: E. Silbergeld, <i>Johns Hopkins University, USA</i>
2.30pm – 2.50pm	<b>[O9.7] How much is the sky worth? An assessment of the value of atmospheric services in the United Kingdom</b> G. Kothencz* <sup>1</sup> , T. Taylor <sup>1</sup> , M. Kendall <sup>2</sup> , <sup>1</sup> <i>University of Exeter, UK</i> , <sup>2</sup> <i>University of Southampton, UK</i>	<b>[O10.7] Cholera risks and perceived discrimination in migrant Haitian communities in the Dominican Republic</b> H. Keys*, A. Lund, S. Leventhal, J. Foster, <i>Emory University, USA</i>	<b>[O11.7] Novel genetic markers for identifying sources of fecal contamination in environmental water</b> R. Gomi*, T. Matsuda, Y. Matsui, M. Yoneda, <i>Kyoto University, Japan</i>	<b>[O12.7] Hazard-based and risk-based chemicals management system: A case study of Malaysia</b> C.T. Goh*, M. Mokhtar, S.H.I. Hussain, M.M.A. Sultan, <i>Univerisiti Kebangsaan Malaysia, Malaysia</i>
2.50pm – 3.10pm	<b>[O9.8] The water, energy, food nexus as the basis for decision making to protect future generations and environmental health</b>	<b>[O10.8] Climate changes and heat related mortality: An environmental inequality perspective</b> T. Benmarhnia* <sup>1,2</sup> , M.F. Sottile <sup>1,3</sup> , A.	<b>[O11.8] Light pollution and its known health effects</b> B.A. Portnov, <i>University of Haifa, Israel</i>	<b>[O12.8] Role of local environmental groups in the transfer of science to policy</b> M.H.J. Jacobs* <sup>1</sup> , A.M.J. Ragas <sup>2</sup> , <sup>1</sup> <i>Avans University of Applied Sciences, The</i>

	N. Voulvoulis*, J. Bone, M. Head, J. Plant, J. Skolout, M. Vlachopoulou, <i>Imperial College London, UK</i>	Smargiassi <sup>1,4</sup> , <sup>1</sup> <i>Université de Montréal, Canada</i> , <sup>2</sup> <i>EHESP, France</i> , <sup>3</sup> <i>Ouranos / MDDEP, Canada</i> , <sup>4</sup> <i>Direction de Santé Publique de Montréal, Canada</i>		<i>Netherlands</i> , <sup>2</sup> <i>Open University, The Netherlands</i>
3.10pm – 3.30pm	<b>[O9.9] Microbial health risks associated with drinking water sources in the Mekong Delta, Vietnam</b> G.W. Wilbers* <sup>1</sup> , Z. Sebesvari <sup>1</sup> , A. Rechenburg <sup>2</sup> , F.G. Renaud <sup>1</sup> , <sup>1</sup> <i>United Nations University, Germany</i> , <sup>2</sup> <i>University of Bonn, Germany</i>	<b>[O10.9] Toward environmental justice - How local authorities in Germany deal with environmental inequalities</b> C. Bunge* <sup>1</sup> , C. Böhme <sup>2</sup> , T. Preuß <sup>2</sup> , B. Reimann <sup>2</sup> , <sup>1</sup> <i>Federal Environment Agency, Germany</i> , <sup>2</sup> <i>German Institute of Urban Affairs, Germany</i>	<b>[O11.9] Optimizing building performance for environmental health</b> D. Bearg, <i>Life Energy Associates, USA</i>	<b>[O12.9] Success and failure in environmental health policies: The Swiss case</b> J. Forbat, <i>University of Geneva, Switzerland</i>
3.30pm – 3.50pm	<b>[O9.10] Training resources for research ethics and cultural competence for environmental health researchers/faculty</b> D. Quigley, <i>Brown University, USA</i>	<b>[O10.10] Environmental inequalities in France – A spatio-Temporal analysis conducted at a small geographical level in four french metropolitan areas</b> C.M. Padilla* <sup>1,2</sup> , W. Kihal <sup>1</sup> , B. Lalloue <sup>1,3</sup> , D. Zmirou Navier <sup>1,3</sup> , V.M. Vieira <sup>4</sup> , S. Deguen <sup>1,2</sup> , <sup>1</sup> <i>French School of Public Health, France</i> , <sup>2</sup> <i>Research institute of environmental and occupational health, France</i> , <sup>3</sup> <i>Lorraine University Medical School, France</i> , <sup>4</sup> <i>Boston University School of Public Health, USA</i>	<b>[O11.10] Local climate change effects of thermal power plants by remote sensing: A case study of Zonguldak, Turkey</b> A. Sekertekin*, S.H. Kutoglu, S. Kaya, <i>Bulent Ecevit University, Turkey</i>	<b>[O12.10] Translating documentation of toxics in consumer products into consumer protection legislation</b> M. Green*, C. Cox, <i>Center for Environmental Health, USA</i>
3.50pm – 4.35pm	<b>Coffee Break and Poster Session 3</b> <i>Room: Palm Garden</i>			

4.35pm – 4.55pm	<b>[O11.11] Community perceptions of air pollution and related health risks in urban slums</b> T. Egondi* <sup>1,2</sup> , C. Kyobuntungi <sup>1</sup> , N. Ng <sup>2</sup> , K. Muindi <sup>1,2</sup> , S. Oti <sup>1,3</sup> , S. van de Vijver <sup>1,3</sup> , R. Ettarh <sup>1</sup> , J. Rocklöv <sup>2</sup> , <sup>1</sup> <i>African Population and Health Research Center, Kenya</i> , <sup>2</sup> <i>Umeå University, Sweden</i> , <sup>3</sup> <i>University of Amsterdam and Amsterdam Institute for Global Health and Development, The Netherlands</i>	<b>[O10.11] First results of the study "Environmental justice and health among children in Frankfurt am Main"</b> M. Schade* <sup>1,2</sup> , U. Heudorf <sup>2</sup> , C. Hornberg <sup>1</sup> , <sup>1</sup> <i>University of Bielefeld, Germany</i> , <sup>2</sup> <i>Public Health Authorities Frankfurt am Main, Germany</i>	<b>[O9.11] Monitoring and model verification of the AQHI in Northern New Brunswick using passive and active samplers</b> G.H. King* <sup>1</sup> , M.D. Gibson <sup>1</sup> , J. Kuchta <sup>1</sup> , S. Beauchamp <sup>2</sup> , C. Stroud <sup>2</sup> , E. Blanchard <sup>3</sup> , D. Henderson <sup>2</sup> , D. Steeves <sup>2</sup> , B. Appleby <sup>2</sup> , M. Howe <sup>3</sup> , <sup>1</sup> <i>Dalhousie University, Canada</i> , <sup>2</sup> <i>Environment Canada, Canada</i> , <sup>3</sup> <i>Nes Brunswick Department of Environment, Canada</i>	<b>[O12.11] Emerging chemical management issues: Prioritization of ECMLs for developing countries and countries with economies in transition</b> H. Bouwman* <sup>1</sup> , M.H. Wong <sup>2</sup> , R. Barra <sup>3</sup> , L. Neretin <sup>4</sup> , <sup>1</sup> <i>North-West University, South Africa</i> , <sup>2</sup> <i>Hong Kong Baptist University, Hong Kong</i> , <sup>3</sup> <i>University of Concepcion, Chile</i> , <sup>4</sup> <i>Scientific and Technical Advisory Panel, USA</i>
4.55pm – 5.15pm		<b>[O10.12] Conflicting perspectives of environmental justice and health on recycled wastewater in Arizona's San Francisco Peaks Region</b> R. Poor, S. Ziaja*, <i>University of Arizona, USA</i>	<b>[O9.12] Filling a "critical data gap": Type 1 diabetes and environmental chemicals</b> S.G. Howard, <i>Collaborative on Health and the Environment, USA</i>	<b>[O12.12] Canada's toxic regulatory regime: A discussion of gender, risk and breast cancer</b> E. Sweeney, <i>York University, Canada</i>
5.15pm – 5.35pm			<b>[O9.13] Reducing children's exposure to traffic-related pollutants at school</b> F. Hammes* <sup>1</sup> , R. Fuoco <sup>1</sup> , A. Polidori <sup>2</sup> , <sup>1</sup> <i>IQAir North America, Inc., USA</i> , <sup>2</sup> <i>South Coast Air Quality Management District, USA</i>	<b>[O12.13] Hexabromocyclododecane (HBCDD) - A hazardous brominated flame retardant used in polystyrene insulation</b> A.A. Jensen, <i>NIPSECT, Denmark</i>
5.35pm – 5.55pm			<b>[O9.14] Social and geographical disparities in housing-related health issues: The case of Eastern Townships (Québec, Canada)</b> M. Généreux* <sup>1,2</sup> , M. Roy <sup>1</sup> , S. Boivin <sup>2</sup> , M. Des Roches <sup>2</sup> , P. Richard <sup>2</sup> , A. Vanasse <sup>1</sup> , <sup>1</sup> <i>Université de Sherbrooke, Canada</i> , <sup>2</sup> <i>Public Health Department of Eastern Townships, Canada</i>	<b>[O12.14] Cost of air pollution in Kazakhstan: Human health risk analysis</b> U. Kenessariyev* <sup>1</sup> , A. Golub <sup>2</sup> , A. Dosmukhametov <sup>1</sup> , M. Amrin <sup>1</sup> , A. Erzhanova <sup>1</sup> , D. Kenessary <sup>1</sup> , <sup>1</sup> <i>Kazakh National Medical University, Kazakhstan</i> , <sup>2</sup> <i>American University, USA</i>
5.55pm – 6.15pm				<b>[O12.15] Calculating and analyzing energy carbon footprint of China's steel industry</b> C.K. Gao* <sup>1</sup> , D. Wang <sup>2</sup> , S.C. Wang <sup>3</sup> , <sup>1</sup> <i>Northeastern University, China</i> , <sup>2</sup> <i>Shanghai Normal University, China</i> , <sup>3</sup> <i>Shanghai Cadre Environment Energy Science and Technology Co.,Ltd, China</i>
6.15pm – 6.45pm	<b>Closing Remarks</b> Room: Grand Ballroom Salons A - F			

