

The 8<sup>th</sup> Princess Chulabhorn International Science Congress  
**ENVIRONMENTAL HEALTH: INTER-LINKAGES AMONG  
THE ENVIRONMENT, CHEMICALS AND INFECTIOUS AGENTS**

*November 13 - 17, 2016 at Shangri-La Hotel, Bangkok, Thailand*

**OPENING CEREMONY**

*Sunday, November 13, 2016*

<b>Time</b>	<b><i>Grand Ballroom, Shangri-La Hotel</i></b>
<b>15:45</b>	- Guests to be seated in the Ballroom
<b>16:00</b>	- Arrival of Professor Dr. HRH Princess Chulabhorn, Chairperson of the National Organizing Committee  - Remembrance of His Majesty King Bhumibol Adulyadej  - Video presentation in honor of His Majesty King Bhumibol Adulyadej and Her Majesty Queen Sirikit
<b>16:10</b>	- Report by <i>Khunying</i> Mathuros Ruchirawat, Secretary General of the National Organizing Committee
<b>16:15</b>	- Opening Address by Professor Dr. HRH Princess Chulabhorn
<b>16:20</b>	- Opening Keynote Lecture: Environmental Health: The Significance of Early Life Chemical Exposures by Professor Dr. HRH Princess Chulabhorn Introduced by Professor John M. Essigmann
<b>17:00</b>	- Refreshments

## PC VIII - PROGRAM OVERVIEW

Sunday, November 13, 2016	Monday, November 14, 2016	Tuesday, November 15, 2016	Wednesday, November 16, 2016	Thursday, November 17, 2016	
<b>REGISTRATION</b>  <b>10:00 – 15:00</b>	<p><b>09:00 NOBEL LAUREATE LECTURE:</b> Why Our Proteins Have to Die, So We Shall Live? The Ubiquitin Proteolytic System - from Basic Mechanisms thru Human Diseases and on to Drug Development <b>Aaron Ciechanover (Nobel Laureate, Israel)</b></p>	<p><b>09:00 PLENARY LECTURES:</b> <b>PL3:</b> The Role of the Environment - Precision Medicine; Liver and Lung Cancer <b>Curtis C. Harris (U.S.A.)</b></p> <p><b>PL4:</b> Cancer Genomic Heterogeneity and Hepatocarcinogenesis <b>Xin Wei Wang (U.S.A.)</b></p> <p><b>PL5:</b> The Complex Pathway to Noncommunicable Diseases: Opportunities for Prevention <b>William A. Suk (U.S.A.)</b></p>	<p><b>09:00 PLENARY LECTURES:</b> <b>PL6:</b> Using Exposomics to Assess Cumulative Risks from Multiple Environmental Stressors <b>Martyn T. Smith (U.S.A.)</b></p> <p><b>PL7:</b> Protein Research in Relation to Human Health and Disease <b>Jisnuson Svasti (Thailand)</b></p> <p><b>PL8:</b> Susceptibility to Infectious Diseases: Does Exposure to Environmental Chemicals Play a Role? <b>Gwen W. Collman (U.S.A.)</b></p> <p><b>PL9:</b> Health and Environment in South-East Asia – Challenges Ahead <b>Poonam Khetrapal Singh (WHO SEARO)</b></p>	<p><b>09:00 SYMPOSIA:</b> <b>S9:</b> Global Epidemic of Obesity <b>S10:</b> Chemical-biological Synergism <b>PLATFORM 2:</b> Exposure and Diseases Resulting from Environmental Exposure <b>PLATFORM 3:</b> Chemical and Infectious Agents</p>	
<p><b>OPENING CEREMONY:</b> <b>15:45</b> Guests to be seated in the Ballroom <b>16:00</b> Arrival of Professor Dr. HRH Princess Chulabhorn Remembrance of His Majesty King Bhumibol Adulyadej Video presentation in honor of His Majesty King Bhumibol Adulyadej and Her Majesty Queen Sirikit <b>16:10</b> Report by <i>Khunying Mathuros Ruchirawat</i> <b>16:15</b> Opening Address by Professor Dr. HRH Princess Chulabhorn <b>16:20</b> Opening Keynote Lecture: Environmental Health: The Significance of Early Life Chemical Exposures by Professor Dr. HRH Princess Chulabhorn Introduced by Professor John M. Essigmann</p>	<p><b>09:45 PLENARY LECTURES:</b> <b>PL1:</b> Signatures of Mutational Processes in Human Cancer <b>Sir Michael R. Stratton (U.K.)</b></p> <p><b>PL2:</b> Air Pollution and Smoking: Leading Global Causes of Cancer <b>Jonathan M. Samet (U.S.A.)</b></p>	<b>L U N C H</b>			
	<p><b>POSTER: PA-01 to PB-22</b> <i>Display: November 14, 09:00 to November 15, 14:00</i> <i>Discussion: November 14 and November 15, 12:30 - 14:00</i></p>	<p><b>POSTER: PA-01 to PB-22</b> <i>Discussion: November 15, 12:30 - 14:00</i> <b>PC-01 to PG-12</b> <i>Display: November 15, 14:30 to November 16, 17:30</i></p>	<p><b>POSTER: PC-01 to PG-12</b> <i>Display: November 15, 14:30 to November 16, 17:30</i> <i>Discussion: November 16, 12:00 - 14:00 and 17:00 - 17:30</i></p>	<p><b>13:30 SYMPOSIA:</b> <b>S11:</b> Pollution: The Single Largest Cause of Death and Disability</p>	
	<p><b>14:00 SYMPOSIA:</b> <b>S1:</b> Environmental Causes of Chronic Diseases Studied in International Cohorts <b>S2:</b> Inflammation / Disease Development <b>PLATFORM 1:</b> Mechanisms and Pathways of Disease Development <b>S3:</b> Emerging Concepts, Technologies and Applications in Infectious Disease and Cancer</p>	<p><b>14:00 SYMPOSIA:</b> <b>S4:</b> The Role of Nutrition / Diet to Reduce Disease Risks Associated with Environmental Exposures <b>S5:</b> Impact of the Epigenetic Road Maps on Cancer and Inflammation-related Disorders <b>S6:</b> New Technologies – Nanoscience</p>	<p><b>14:00 SYMPOSIA:</b> <b>RD:</b> Emerging Environment and Health Linkages in Asia (Joint UNEP/WHO) <b>S7:</b> <i>In Utero</i> and Early Childhood Exposure and Cancer in Children <b>S8:</b> New Approaches in Risk Assessment</p>	<p><b>15:30 CLOSING SESSION:</b> <b>CL:</b> Collaboration Across Sectors is the Key to Inventing New Medicines and Bringing Them to Patients <b>Michael Rosenblatt (U.S.A.)</b></p>	

# SCIENTIFIC PROGRAM

## SUMMARY

*Monday, November 14, 2016*

<i>Time</i>	<i>Grand Ballroom</i>		
	<b><u>NOBEL LAUREATE LECTURE:</u></b>		<b><u>Abstract No.</u></b>
9:00	<b>Chairperson:</b> Jisnuson Svasti (Thailand) <b>Nobel Laureate Lecture:</b> Why Our Proteins Have to Die, So We Shall Live? The Ubiquitin Proteolytic System - from Basic Mechanisms thru Human Diseases and on to Drug Development <i>Aaron Ciechanover (Nobel Laureate, Israel)</i>		NL
	<b><u>PLENARY LECTURES:</u></b>		
	<b>Chairpersons:</b> John M. Essigmann (U.S.A.) Skorn Mongkolsuk (Thailand)		
9:45	<b>Plenary Lecture 1:</b> Signatures of Mutational Processes in Human Cancer <i>Sir Michael R. Stratton (U.K.)</i>		PL-1
10:00	<b>Plenary Lecture 2:</b> Air Pollution and Smoking: Leading Global Causes of Cancer <i>Jonathan M. Samet (U.S.A.)</i>		PL-2
11:15	<b>L U N C H</b>		
	<b><u>POSTER PRESENTATION:</u></b>		
	<b>PA-01 to PB-22:- Display: November 14, 09:00 to November 15, 14:00</b> <b>Discussion: November 14 and November 15, 12:30 - 14:00</b>		
<i>Time</i>	<i>Ballroom I</i>	<i>Ballroom II</i>	<i>Ballroom III</i>
14:00	<b><u>SYMPOSIUM I:</u></b> <b><i>Environmental Causes of Chronic Diseases Studied in International Cohorts</i></b> <b>Chairpersons:</b> Martyn T. Smith (U.S.A.) Lars Lind (Sweden) <b>Abstract No.</b> International studies of blood pressure, obesity, diabetes and cardiovascular disease risk <i>Paul Elliott (U.K.)</i> <b>S-1</b> Environmental contaminants and cardiometabolic disease in a Swedish cohort (PIVUS) <i>Monica P. Lind (Sweden)</i> <b>S-2</b> Evidence of metabolic disruption in cohorts supported by mechanistic studies <i>Michele La Merrill (U.S.A.)</i> <b>S-3</b> Prenatal arsenic exposure and the epigenome: MicroRNAs as drivers of immune signaling in newborns <i>Rebecca C. Fry (U.S.A.)</i> <b>S-4</b> Japan Environment and Children's Study (JECS) <i>Shoji F. Nakayama (Japan)</i> <b>S-5</b> Household air pollution, genetic susceptibility, molecular markers, and risk of lung cancer among never-smoking females in Asia <i>Qing Lan (U.S.A.)</i> <b>S-6</b>	<b><u>SYMPOSIUM II:</u></b> <b><i>Inflammation / Disease Development</i></b> <b>Chairpersons:</b> Curtis C. Harris (U.S.A.) Kannika Phornphutkul (Thailand) <b>Abstract No.</b> Current and future therapy of HCC and CCA <i>Peter R. Galle (Germany)</i> <b>S-7</b> Precision medicine biomarkers for lung cancer and COPD via the airway transcriptome <i>Avrum Spira (U.S.A.)</i> <b>S-8</b> Early life exposure to environmentally persistent free radicals increases influenza severity <i>Stephanie A. Cormier (U.S.A.)</i> <b>S-9</b> <b><u>PLATFORM SESSION I:</u></b> <b><i>Mechanisms and Pathways of Disease Development</i></b> (Abstract No. O-1 to O-5)	<b><u>SYMPOSIUM III:</u></b> <b><i>Emerging Concepts, Technologies and Applications in Infectious Disease and Cancer</i></b> <b>Chairpersons:</b> Ram Sasisekharan (U.S.A.) Mayuree Fuangthong (Thailand) <b>Abstract No.</b> Glycan-receptor specificity as a useful tool for characterization and surveillance of influenza A virus <i>Ram Sasisekharan (U.S.A.)</i> <b>S-10</b> NMR and molecular dynamics as tools to understand the structural features at the basis of human and avian influenza infection <i>Marco Guerrini (Italy)</i> <b>S-11</b> Gastrointestinal mucins as modulators of mucosal immunity and microbial colonization <i>Lubor Borsig (Switzerland)</i> <b>S-12</b> Impact of vaccine manufacturing excellence on global health <i>Rahul Singhvi (U.S.A.)</i> <b>S-13</b> Extracellular vesicles – Towards a diagnostic liquid biopsy <i>Fred H. Hochberg (U.S.A.)</i> <b>S-14</b> Access to innovation: The final frontier for cancer drug development <i>Debasish Roychowdhury (U.S.A.)</i> <b>S-15</b>

# PROGRAM SUMMARY

Tuesday, November 15, 2016

Time	Grand Ballroom		
	<p><b>PLENARY LECTURES:</b></p> <p><b>Chairpersons:</b> John D. Groopman (U.S.A.) Mathuros Ruchirawat (Thailand)</p>		
9:00	<p><b>Plenary Lecture 3:</b> The Role of the Environment - Precision Medicine; Liver and Lung Cancer <i>Curtis C. Harris (U.S.A.)</i></p>		PL-3
9:45	<p><b>Plenary Lecture 4:</b> Cancer Genomic Heterogeneity and Hepatocarcinogenesis <i>Xin Wei Wang (U.S.A.)</i></p>		PL-4
10:30	<p><b>Plenary Lecture 5:</b> The Complex Pathway to Noncommunicable Disease: Opportunities for Prevention <i>William A. Suk (U.S.A.)</i></p>		PL-5
11:15	L U N C H		
	<p style="text-align: center;"><b>POSTER PRESENTATION:</b></p> <p><i>PA-01 to PB-22:- Display: November 14, 09:00 to November 15, 14:00</i> <i>Discussion: November 14 and November 15, 12:30 - 14:00</i></p> <p><i>PC-01 to PG-12:- Display: November 15, 14:30 to November 16, 17:30</i> <i>Discussion: November 16, 12:00 - 14:00 and 17:00 - 17:30</i></p>		
Time	Ballroom I	Ballroom II	Ballroom III
14:00	<p><b>SYMPOSIUM IV:</b> <b>The Role of Nutrition / Diet to Reduce Disease Risks Associated with Environmental Exposures</b></p> <p><b>Chairpersons:</b> William A. Suk (U.S.A.) Bernhard Hennig (U.S.A.)</p> <p style="text-align: right;"><b>Abstract No.</b></p> <p>Healthful nutrition: A lifelong intervention against environmental insults and implications in public health <i>Bernhard Hennig (U.S.A.)</i> <b>S-16</b></p> <p>Chemopreventive effects of docosahexaenoic acid on inflammation-associated carcinogenesis <i>Young-Joon Surh (South Korea)</i> <b>S-17</b></p> <p>Inhibition of aerodigestive tract cancers with berries: Transitioning from preclinical to clinical assessments <i>Laura A. Kresty (U.S.A.)</i> <b>S-18</b></p> <p>Folic acid and creatine as therapeutic approaches to increase arsenic methylation and lower blood arsenic: A randomized-controlled trial <i>Mary V. Gamble (U.S.A.)</i> <b>S-19</b></p> <p>Chemoprevention by xanthohumol <i>in vitro</i> – <i>in vivo</i> – in man? <i>Norbert Frank (Germany)</i> <b>S-20</b></p> <p>Development of functional food for the prevention of non-communicable diseases: From cultivation to laboratory and clinical trial <i>Nuchanart Rangkadilok (Thailand)</i> <b>S-21</b></p>	<p><b>SYMPOSIUM V</b> <b>Impact of the Epigenetic Road Maps on Cancer and Inflammation-related Disorders</b> <i>(Cosponsored by the Fritz-Bender Foundation)</i></p> <p><b>Chairpersons:</b> Hans-Peter Huber (Germany) Kurt S. Zänker (Germany)</p> <p style="text-align: right;"><b>Abstract No.</b></p> <p>Aphorisms about the impact of epigenetics on social and legal affairs <i>Hans-Peter Huber (Germany)</i> <b>S-22</b></p> <p>Epigenetic biomedical road maps <i>Kurt S. Zänker (Germany)</i> <b>S-23</b></p> <p>Tumor microenvironment and CSPG4-specific CAR T cell-based immunotherapy in triple negative breast cancer <i>Soldano Ferrone (U.S.A.)</i> <b>S-24</b></p> <p>When a serine provides new powers: How the 249 substitution shapes mutant p53 behavior in hepatocellular carcinoma <i>Giannino Del Sal (Italy)</i> <b>S-25</b></p> <p>Why cystic fibrosis and <i>Pseudomonas aeruginosa</i> infection go together <i>Udo Schumacher (Germany)</i> <b>S-26</b></p> <p>Summary <i>Kurt S. Zänker (Germany)</i></p>	<p><b>SYMPOSIUM VI:</b> <b>New Technologies – Nanoscience</b></p> <p><b>Chairpersons:</b> Herman Autrup (Denmark) Jun Kanno (Japan)</p> <p style="text-align: right;"><b>Abstract No.</b></p> <p>Carbon nanotubes: Predicting their long-term effects by <i>in vivo</i> studies based on the knowledge of asbestos toxicity <i>Jun Kanno (Japan)</i> <b>S-27</b></p> <p>Genotoxicity of engineered nanomaterials <i>Herman Autrup (Denmark)</i> <b>S-28</b></p> <p>Dynamic silver nanoparticle – Protein hybrids <i>Duncan S. Sutherland (Denmark)</i> <b>S-29</b></p> <p>Application of the traditional ecological risk assessment paradigm in assessing environmental effects of nanomaterials <i>Victor Wepener (South Africa)</i> <b>S-30</b></p> <p>Interaction of living systems with engineered nanoparticles – Between medical benefit and toxicity <i>Chunying Chen (P.R. China)</i> <b>S-31</b></p>

# PROGRAM SUMMARY

Wednesday, November 16, 2016

Time	Grand Ballroom		
	<p><b>PLENARY LECTURES:</b></p> <p><b>Chairpersons:</b> Joseph H. Graziano (U.S.A.) Jutamaad Satayavivad (Thailand)</p> <p><b>Abstract No.</b></p>		
9:00	<p><b>Plenary Lecture 6:</b> Using Exposomics to Assess Cumulative Risks from Multiple Environmental Stressors <i>Martyn T. Smith (U.S.A.)</i></p>		PL-6
9:45	<p><b>Plenary Lecture 7:</b> Protein Research in Relation to Human Health and Diseases <i>Jisnusun Svasti (Thailand)</i></p>		PL-7
10:30	<p><b>Plenary Lecture 8:</b> Susceptibility to Infectious Diseases: Does Exposure to Environmental Chemicals Play a Role? <i>Gwen W. Collman (U.S.A.)</i></p>		PL-8
11:15	<p><b>Plenary Lecture 9:</b> Health and Environment in South-East Asia – Challenges Ahead <i>Poonam Khetrpal Singh (WHO SEARO)</i></p>		PL-9
12:00	L U N C H		
	<p><b>POSTER PRESENTATION:</b> PC-01 to PG-12:- <i>Display: November 15, 14:30 to November 16, 17:30</i> <i>Discussion: November 16, 12:00 - 14:00 and 17:00 - 17:30</i></p>		
Time	Ballroom I	Ballroom II	Ballroom III
14:00	<p><b>ROUNDTABLE DISCUSSION:</b> <b>Emerging Environment and Health Linkages in Asia</b> <i>(Jointly organized by UNEP Regional Office for Asia-Pacific and WHO Regional Office for South-East Asia)</i></p> <p><b>Moderators:</b> Kakuko Nagatani-Yoshida (UNEP ROAP) Lesley Onyon (WHO SEARO)</p>	<p><b>SYMPOSIUM VII:</b> <b>In Utero and Early Childhood Exposure and Cancer in Children</b> <i>(Cosponsored by Children with Cancer UK)</i></p> <p><b>Chairpersons:</b> Denis L. Henshaw (U.K.) William A. Suk (U.S.A.)</p> <p><b>Abstract No.</b></p> <p>What are the chief purported environmental and lifestyle causes of childhood cancer? <i>Denis L. Henshaw (U.K.)</i> <b>S-32</b></p> <p>Origins and clonal evolution of childhood leukaemia <i>Tariq Enver (U.K.)</i> <b>S-33</b></p> <p>The epidemiology of childhood brain tumors <i>Roberta McKean-Cowdin (U.S.A.)</i> <b>S-34</b></p> <p>Air pollution and childhood leukemia <i>Marco Vinceti (Italy)</i> <b>S-35</b></p> <p>Melatonin in pregnancy and circadian rhythms: Effects on brain development and fetal programming? <i>Cathy Vaillancourt (Canada)</i> <b>S-36</b></p> <p>Discussion</p>	<p><b>SYMPOSIUM VIII:</b> <b>Approaches in Risk Assessment</b></p> <p><b>Chairpersons:</b> William W. Au (P.R. China) Daam Settachan (Thailand)</p> <p><b>Abstract No.</b></p> <p>Population studies for risk assessment and policy development <i>William W. Au (P.R. China)</i> <b>S-37</b></p> <p>Are endocrine compounds a special concern? <i>Daniel R. Dietrich, (Germany)</i> <b>S-38</b></p> <p>The adverse outcome pathway concept: Value of 3D <i>in vitro</i> methods for studying species-specific key events <i>Ellen Fritsche (Germany)</i> <b>S-39</b></p> <p>Novel use of aptamer molecules in lab-on-a-chip approaches <i>Carsten Harms (Germany)</i> <b>S-40</b></p>

# PROGRAM SUMMARY

Thursday, November 17, 2016

<b>Time</b>	<b>Ballroom I</b>	<b>Ballroom II</b>	<b>Ballroom III</b>
9:00	<p><b><u>SYMPOSIUM IX:</u></b> <b>Global Epidemic of Obesity</b></p> <p><b>Chairpersons:</b> Timothy W. Gant (U.K.) Chantragan Srisomsap (Thailand)</p> <p style="text-align: right;"><b>Abstract No.</b></p> <p>Obesity – The public health perspective <b>S-41</b> <i>Timothy W. Gant (U.K.)</i></p> <p>Obesity: Genetics versus the environment <b>S-42</b> <i>Jennifer L. Baker (Denmark)</i></p> <p>Transgenerational inheritance of prenatal obesogen exposure <b>S-43</b> <i>Bruce Blumberg (U.S.A.)</i></p> <p>Obesity and the microbiome <b>S-44</b> <i>Jordana T. Bell (U.K.)</i></p> <p>Maternal nutrition in pregnancy and obesity in the next generation <b>S-45</b> <i>L.H. Lumey (U.S.A.)</i></p>	<p><b><u>SYMPOSIUM X:</u></b> <b>Chemical-biological Synergism</b></p> <p><b>Chairpersons:</b> Nathaniel Rothman (U.S.A.) Vajarabhongsa Bhudhisawasdi (Thailand)</p> <p style="text-align: right;"><b>Abstract No.</b></p> <p>Interaction between chemical and viral exposures and risk of non-Hodgkin lymphoma in Asia <b>S-46</b> <i>Nathaniel Rothman (U.S.A.)</i></p> <p>Targeting microbiota in breast cancer <b>S-47</b> <i>Susan E. Erdman (U.S.A.)</i></p> <p>Cholangiocarcinoma in Northeast Thailand <b>S-48</b> <i>Chawalit Pairojkul (Thailand)</i></p> <p>The expanding role of aflatoxin in and gall bladder cancer <b>S-49</b> <i>John D. Groopman (U.S.A.)</i></p> <p>High-fidelity mutational spectrometry enables early prediction of aflatoxin B<sub>1</sub>-induced liver cancer <b>S-50</b> <i>John M. Essigmann (U.S.A.)</i></p> <p>Exosome based therapy for cholangiocarcinoma <b>S-51</b> <i>Stephen Gould (U.S.A.)</i></p>	<p><b><u>PLATFORM SESSION II:</u></b> <b>Exposure and Diseases Resulting from Environmental Exposure</b></p> <p style="text-align: center;">(Abstract No. O-6 to O-11)</p> <p><b><u>PLATFORM SESSION III:</u></b> <b>Chemical and Infectious Agents</b></p> <p style="text-align: center;">(Abstract No. O-12 to O-16)</p>
12:00	L U N C H		
<b>Time</b>	<b>Grand Ballroom</b>		
13:30	<p><b><u>SYMPOSIUM XI: Pollution: The Single Largest Cause of Death and Disability</u></b></p> <p><b>Chairpersons:</b> Richard Fuller (U.S.A.) Bindu Lohani (Japan)</p> <p style="text-align: right;"><b>Abstract No.</b></p> <p>Pollution: The largest cause of disease and premature death <b>S-52</b> <i>Philip J. Landrigan (U.S.A.)</i></p> <p>E-waste: Strategies to reduce exposures in vulnerable populations <b>S-53</b> <i>William A. Suk (U.S.A.)</i></p> <p>Poison in the well: Exposure, consequences and remediation of arsenic in drinking water <b>S-54</b> <i>Joseph H. Graziano (U.S.A.)</i></p> <p>The impact of pollution on respiratory health <b>S-55</b> <i>Peter D. Sly (Australia)</i></p>		
15:30	<p><b><u>CLOSING SESSION:</u></b></p> <p><b>Chairperson:</b> Ram Sasisekharan (U.S.A.)</p> <p><b>Closing Lecture:</b> Collaboration Across Sectors is the Key to Inventing New Medicines and Bringing Them to Patient <b>CL</b> <i>Michael Rosenblatt (U.S.A.)</i></p>		

<b>Ballroom II</b>
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***PLATFORM SESSION I: Mechanisms and Pathways of Disease Development*****Chairpersons: Norbert Frank (Germany)****Suvit Loprasert (Thailand)**

		<b>Abstract No.</b>
<b>15:30</b>	Thymoquinone inhibits bone metastases by attenuating chemokine signaling in a mouse model with metastatic breast cancer <i>Muthu K. Shanmugam (Singapore)</i>	<b>O-1</b>
<b>15:45</b>	Interferon-gamma induces programmed death-ligand 1 (PD-L1) and cyclooxygenase-2 (COX-2) expressions in intrahepatic cholangiocarcinoma cells <i>Tawit Suriyo (Thailand)</i>	<b>O-2</b>
<b>16:00</b>	Anti-aromatase effect of resveratrol and melatonin on hormonal positive breast cancer cells co-cultured with breast adipose fibroblasts <i>Suthat Chottanapund (Thailand)</i>	<b>O-3</b>
<b>16:15</b>	Involvement of ERK1/2 pathway in cadmium-induced IL-8 production pathogen in human astrocytes <i>Suttinee Phuagkhaopong (Thailand)</i>	<b>O-4</b>
<b>16:30</b>	Interaction of Pax5 with Iba1 in brain may regulate microglia mediated immunological surveillance <i>Shashank Kumar Maurya (India)</i>	<b>O-5</b>

*Ballroom III****PLATFORM SESSION II: Exposure and Diseases Resulting from Environmental Exposure*****Chairpersons:** Luoping Zhang (U.S.A.)

Panida Navasumrit (Thailand)

		<b><i>Abstract No.</i></b>
<b>09:00</b>	Bone marrow and stem cell toxicity of mixed exposure to the chemical leukemogens benzene and formaldehyde <i>Luoping Zhang (U.S.A.)</i>	<b>O-6</b>
<b>09:15</b>	Laboratory chemical exposures associated adverse health outcomes <i>Tushar Kant Joshi (India)</i>	<b>O-7</b>
<b>09:30</b>	Advances in the "Hungarian nurse study", among nurses handling cytostatic drugs <i>Tompa Anna (Hungary)</i>	<b>O-8</b>
<b>09:45</b>	Metal components in size-segregated PM10 and submicron particles in urban Bangkok <i>Matthew D. Wright (U.K.)</i>	<b>O-9</b>
<b>10:00</b>	Association between exposure to air pollutants and respiratory illness among children living near industrial zone <i>Beerappa Ravichandran (India)</i>	<b>O-10</b>
<b>10:15</b>	Prevalence of selected respiratory symptoms and measurement of peak expiratory flow rate among traffic police officers in a police division of Sri Lanka <i>Inoka Kamalinie Suraweera (Sri Lanka)</i>	<b>O-11</b>



*Ballroom III****PLATFORM SESSION III: Chemical and Infectious Agents*****Chairpersons:** Rebecca Fry (U.S.A.)

Poonsakdi Ploypradith (Thailand)

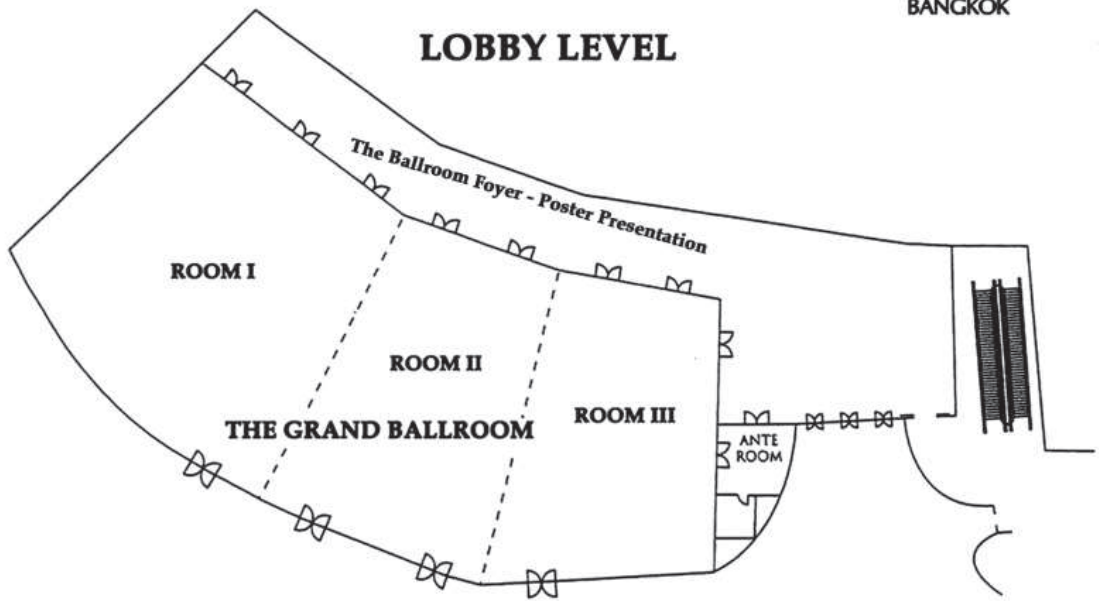
		<b><i>Abstract No.</i></b>
<b>10:30</b>	Obesity in early adulthood and high risks of arsenic-related chronic disease in later life <i>Felicia Castriota (U.S.A.)</i>	<b>O-12</b>
<b>10:45</b>	Transfer RNA methyltransferases and oxidative stress response in a pathogenic bacterium, <i>Pseudomonas aeruginosa</i> <i>Mayuree Fuangthong (Thailand)</i>	<b>O-13</b>
<b>11:00</b>	Multiple stress responses against a bleaching agent in human pathogen <i>Pseudomonas aeruginosa</i> <i>Adisak Romsang (Thailand)</i>	<b>O-14</b>
<b>11:15</b>	Hepatitis C virus E2 protein encapsulation into PLGA microspheres could induce mice cytotoxic T-cell response <i>Piyachat Roopngam (Thailand)</i>	<b>O-15</b>
<b>11:30</b>	Biological effects of TiO <sub>2</sub> nanoparticles on human immune cells <i>Dakrong Pissuwan (Thailand)</i>	<b>O-16</b>
<b>11:45</b>	LUNCH	



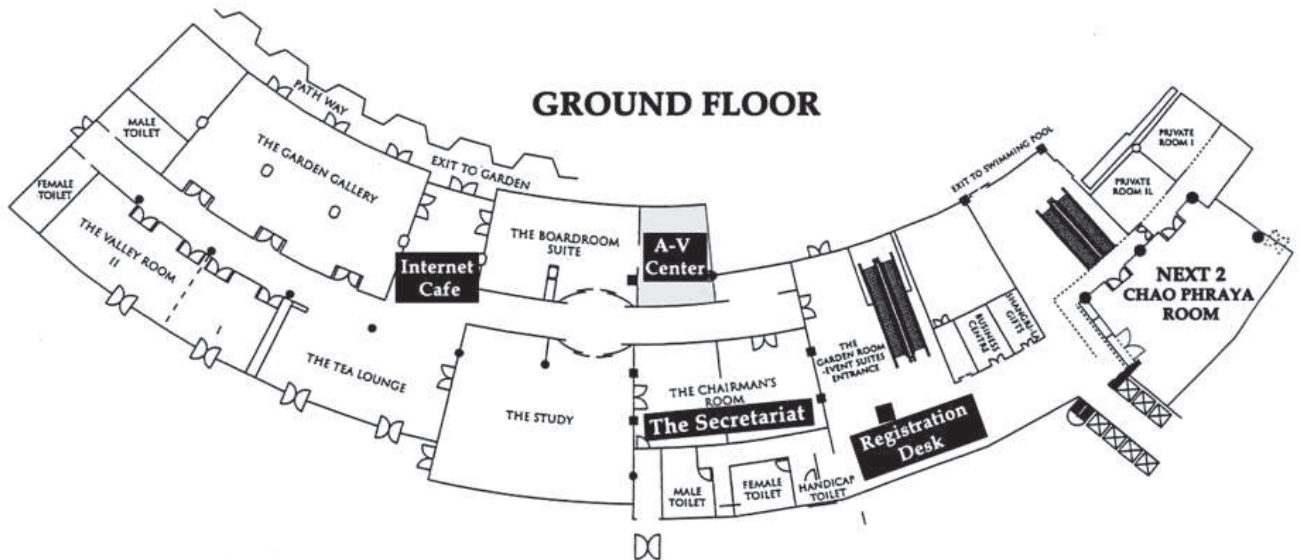
# THE CONGRESS CENTER MAP



## LOBBY LEVEL



## GROUND FLOOR



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## SCIENTIFIC PROGRAM INFORMATION

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### *INSTRUCTIONS FOR PRESENTERS:*

#### *Guidelines for the Preparation of Presentations:*

All presentations must be in **Powerpoint format**. No other formats will be supported.

If you have prepared your presentation using an earlier version of PowerPoint or if you are a Macintosh user, it is highly recommended that you test your presentation on a Windows platform to ensure the accurate conversion to Windows format with Microsoft PowerPoint 2013.

To minimize setup delays, the Congress Staff at **the A-V Center** will collect all files and load them to a laptop in the room in which the session will be held. All speakers must bring their updated presentations as Microsoft PowerPoint 2013 files to **the A-V Center at least 24 hours** before their scheduled presentations. Please bring your PowerPoint presentation as a backup file to **the A-V Center** on a USB Memory Device, or CD.

#### *Audio-Visual Center (A-V Center):*

**Location:** **The Boardroom Suite** on the Ground Floor of the Shangri-La Hotel.

**Hours:** Sunday, November 13 from **10:00 to 15:00**

Monday, November 14 to Thursday, November 17 from **08:00 to 17:30**.

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## SCIENTIFIC PROGRAM INFORMATION

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### **POSTER SESSIONS:**

**Location:** *The Ballroom Foyer* on the Lobby level of the Shangri-La Hotel.

#### **List of Poster Presentations:**

Code	Topic	Poster No.	Group	Board No.
PA	Chemical and Infectious Agents	PA-01 to PA-55	1	001 - 055
PB	Mechanisms and Pathways of Disease Development	PB-01 to PB-22	1	056 - 077
PC	Exposure	PC-01 to PC-18	2	001 - 018
PD	Diseases Resulting from Environmental Exposure	PD-01 to PD-20	2	019 - 038
PE	Modifiers of Susceptibility and Disease Outcomes	PE-01 to PE-12	2	039 - 050
PF	Tools and Technologies	PF-01 to PF-20	2	051 - 070
PG	New and Emerging Therapy	PG-01 to PG-12	2	071 - 082

#### **Hours:**

##### **Group 1: Poster Number PA-01 to PB-22, Board Number 001 - 077**

Posters should be set up for display on Monday, November 14 from 9:00.

**Display** - Monday, November 14, 09:00 to Tuesday, November 15, 14:00.

**Discussion** - Monday, November 14 and Tuesday, November 15 from 12:30 to 14:00.

**The display must be removed by 14:30, on Tuesday, November 15, 2016.**

##### **Group 2: Poster Number PC-01 to PG-12, Board Number 001 - 082**

Posters should be set up for display on Tuesday, November 15 from 14:30.

**Display** - Tuesday, November 15 from 14:30 to Wednesday, November 16, 17:30.

**Discussion** - Wednesday, November 16 from 12:00 to 14:00 and 17:00 to 17:30.

**The display must be removed by 18:00, on Wednesday, November 16, 2016.**

The Poster Board is 1.0 m. (width) x 2.4 m. (height). The poster size should not be larger than 0.8 m. (width) x 1.2 m. (height).

Please check the **Poster Number and Board Number** from the list of Poster Presentations in the Poster Session of the "Program and Abstracts" book. **The Board Number** refers to the location that does not change throughout the Congress and will be posted at the top of the poster boards by the organizers. Posters can be mounted with double-sided foam mounting tape, which will be available on site.

Staff will be available in the morning of Monday, November 14 to Wednesday, November 16, and at all times during the day (08:00 to 18:00) to assist presenters.