

OPENING SESSION

Thursday, November 29, 2012

OPENING CEREMONY

Time	Grand Ballroom, Shangri-La Hotel	
15:45	- Guests to be seated in the Ballroom	
16:00	- Arrival of Professor Dr. HRH Princess Chulabhorn - Video presentation in honor of the celebrations of 84 years of the birth of His Majesty King Bhumibol and 80 years of the birth of Her Majesty Queen Sirikit	
16:10	- Report by Dr. <i>Khunying</i> Mathuros Ruchirawat, Secretary General of the National Organizing Committee	
16:15	- Opening address by Professor Dr. HRH Princess Chulabhorn	
16:20	- <u>Keynote address:</u> "Environment and life-style factors contributing to cancer incidence in Asia" by Professor Dr. HRH Princess Chulabhorn. Introduced by Professor Gerald N. Wogan	Abstract No. KA

CONGRESS DINNER

Time	at Royal Thai Navy Convention Hall	
17:30	- Leave Shangri-La Hotel by boat	
18:00	- Guests arrive at Royal Thai Navy Convention Hall - Guests are requested to be seated	
18:30	- Guzheng performance by Professor Dr. HRH Princess Chulabhorn	
19:00	- Congress dinner	
	- Departure of Professor Dr. HRH Princess Chulabhorn	

SCIENTIFIC PROGRAM

Friday, November 30, 2012

Time	Ballroom I, II, III			
09:00	<u>NOBEL LAUREATE LECTURE:</u> Chairpersons: Mahidol, C. (THAILAND) and Wiltout, R.H. (U.S.A.) Nobel Laureate Lecture: Cancer: The genomic era arrives <i>Bishop, J.M. (Nobel Laureate, U.S.A.)</i>		Abstract No. NL	
09:45	<u>PLENARY LECTURES:</u> Plenary Lecture 1: Molecular epidemiology: Cancer etiology and prevention <i>Wild, C.P. (IARC, FRANCE)</i>		Abstract No. PL-1	
10:30	Plenary Lecture 2: Environmental and occupational determinants of cancer: Interventions for primary prevention <i>Neira, M.P. (WHO, GENEVA)</i>		Abstract No. PL-2	
11:15	Plenary Lecture 3: Public health aspects of cancer <i>Plianbangchang, S. (WHO, SEARO)</i>		Abstract No. PL-3	
12:00	L U N C H			
POSTER PRESENTATION: PA-01 to PC-12 Display: November 30, 09:00 to December 1, 14:00 Discussion: November 30 and December 1, 12:30-14:00				
Myanmar Room at Krungthep Wing <u>CLINICAL RESEARCH SYMPOSIUM:</u> 10:30 Advances in Epidemiology and Imaging of Cancers Chairpersons: Suwanwela, C. (THAILAND) Pattaranutaporn, P. (THAILAND) Abstract No. Advances in epidemiologic studies of cancer C-1 <i>Boffetta, P. (U.S.A.)</i> Advances in molecular imaging of cancer C-2 <i>Israel, O. (ISRAEL)</i>				
Time	Ballroom I	Ballroom II	Ballroom III	
14:00	<u>SYMPOSIUM I:</u> Cancer Etiology, Mechanisms and Epigenetics Chairpersons: Trosko, J.E. (U.S.A.) Mongkolsuk, S. (THAILAND) Abstract No. Dormant blood stem cells and circulating cancer stem cells S-1 <i>Trumpp, A. (GERMANY)</i> Modulation of adult stem cells <i>in utero</i> by diet and environmental chemicals alters risks to cancer later in life: A possible mechanism of the Barker hypothesis Trosko, J.E. (U.S.A.) S-2 Epigenetics and cancer: New opportunities and challenges Herceg, Z. (IARC, FRANCE) S-3 Genomic instability and gene regulation mechanisms in cis of DNA hypomethylation in human cancer Mutirangura, A. (THAILAND) S-4 Proteomic analyses of the core cell cycle machinery in human cancer cells Sicinski, P. (U.S.A.) S-5	<u>SYMPOSIUM II:</u> Carcinogenesis: Environment and Emerging Exposures Chairpersons: Shank, R.C. (U.S.A.) Autrup, H.N. (DENMARK) Abstract No. Ambient air pollution and cancer risk S-6 <i>Autrup, H.N. (DENMARK)</i> Windows of susceptibility: Environmental exposures in the etiology of breast cancer S-7 <i>Collman, G.W. (U.S.A.)</i> Naturally occurring and process-generated carcinogens in food S-8 <i>Schrenk, D. (GERMANY)</i> Cancer risk and the nuclear disaster in Japan S-9 <i>Kanno, J. (JAPAN)</i> Childhood leukaemia and EMFs; Mobile phones and brain tumours, risks and causal pathways S-10 <i>Henshaw, D.L. (U.K.)</i> Infection, environmental exposure and cancer S-11 <i>Anwar, W.A. (EGYPT)</i>	<u>SYMPOSIUM III:</u> Approaches to Early Detection and Diagnosis Chairpersons: Gascoyne, P.R.C. (U.S.A.) Frank, N. (GERMANY) Abstract No. Antibody-independent isolation of circulating cancer cells by dielectrophoretic fractionation S-12 <i>Gascoyne, P.R.C. (U.S.A.)</i> Albumin-drug conjugates: "Magic bullets" in cancer therapy and diagnosis S-13 <i>Frei, E. (GERMANY)</i> 4DPET-CT for tumor diagnostics and therapy management: A new approach to gain noninvasively molecular biological data in patients S-14 <i>Strauss, L.G. (GERMANY)</i> Searching for novel anti-cancer agents and biomarkers using cancer cell lines S-15 <i>Svasti, J. (THAILAND)</i> Detection and evaluation of DNA damage in various occupations exposed to different chemicals in Turkey S-15a <i>Şardaş, S. (TURKEY)</i>	13:00 Symposium on Clinical Approaches to Liver Cancers Chairpersons: Pattaranutaporn, P. (THAILAND) Auewarakul, C.U. (THAILAND) Abstract No. Epidemiology of liver cancer C-3 <i>Boffetta, P. (U.S.A.)</i> Diagnostic imaging of primary liver cancer C-4 <i>Israel, O. (ISRAEL)</i> Medical management of hepatocellular carcinoma C-5 <i>Tanwandee, T. (THAILAND)</i> Surgical treatment for liver cancer C-6 <i>Fong, Y. (U.S.A.)</i> The emerging role of radiotherapy in the management of primary and metastatic liver cancer C-7 <i>Kuten, A. (ISRAEL)</i> Molecular targeted therapy in hepatocellular carcinoma C-8 <i>Sriuranpong, V. (THAILAND)</i>

Saturday, December 1, 2012

Time	Ballroom I, II, III	
	<u>PLENARY LECTURES:</u>	Abstract No.
	Chairpersons: Wogan, G.N. (U.S.A.) and Ruchirawat, M. (THAILAND)	
09:00	Plenary Lecture 4: Recognition of 'foreign' antigens by the immune system <i>Wilson, I.A. (U.S.A.)</i>	PL-4
09:50	Plenary Lecture 5: Inflammation and cancer: Interweaving microRNA, free radicals, cytokine and p53 pathways <i>Harris, C.C. (U.S.A.)</i>	PL-5
10:40	Plenary Lecture 6: Understanding early life exposures in childhood and adult cancers <i>Suk, W.A. (U.S.A.)</i>	PL-6

11:30 L U N C H

POSTER PRESENTATION:
PA-01 to PC-12
 Display: November 30, 09:00 to December 1, 14:00
 Discussion: November 30 and December 1, 12:30-14:00
PD-01 to PG-45
 Display: December 1, 14:30 to December 2, 17:30
 Discussion: December 2, 12:00-14:00 and 17:00-17:30

Time	Ballroom I	Ballroom II	Ballroom III
14:00	<u>SYMPOSIUM IV:</u> Recent Advances in Liver Cancer Research Chairpersons: Harris, C.C. (U.S.A.) Wang, X.W. (U.S.A.) Abstract No. Oncogene-driven mouse liver cancers can be differentially influenced by immune mechanisms <i>Wiltrout, R.H. (U.S.A.)</i> S-16 Liver cancer stem cells in hepatocellular carcinoma <i>Ng, I.O.L. (HONG KONG)</i> S-17 Defining liver cancer heterogeneity, tumor subtypes and cancer stem cells <i>Wang, X.W. (U.S.A.)</i> S-18 Predictive power of hepatitis B mutations in plasma for detection and risk of hepatocellular carcinoma <i>Groopman, J.D. (U.S.A.)</i> S-19 Community-based prevention of liver cancer <i>Loffredo, C.A. (U.S.A.)</i> S-20	<u>SYMPOSIUM V:</u> Fetal Origins of Cancer Chairpersons: Buffler, P.A. (U.S.A.) Suk, W.A. (U.S.A.) Abstract No. Early life exposures and childhood cancer: Epidemiologic observations <i>Buffler, P.A. (U.S.A.)</i> S-21 Tumor genetic, epigenetic and immune clues of the fetal origin of childhood leukemia <i>Wiemels, J.L. (U.S.A.)</i> S-22 Humans under double attack. Gut microbiota composition, and postnatal fluctuations in body burdens of environmental toxicants, are both exposures that need more consideration <i>Eggesbø, M. (NORWAY)</i> S-23 Newborns and genotoxic risks: A summary of the NewGeneris project <i>Kleijnans, J. (THE NETHERLANDS)</i> S-24	<u>SYMPOSIUM VI:</u> New Approaches Towards Individualized Cancer Therapeutics Chairpersons: Mihich, E. (U.S.A.) Zänker, K.S. (GERMANY) Abstract No. Functional genomics <i>en route</i> to novel target identification in personalized cancer theranostics <i>Roszbach, M. (SINGAPORE)</i> S-25 The transcription factor PITX2 (pituitary homeobox 2) protects renal cancer cell lines against doxorubicin toxicity by trans-activation of the multidrug transporter ABCB1 <i>Thévenod, F. (GERMANY)</i> S-26 MicroRNAs in cancer <i>Novina, C.D. (U.S.A.)</i> S-27 Patient characterization in early clinical trials <i>Banerji, U. (U.K.)</i> S-28 Detection of minimal residual disease in acute myeloid leukemia – A model for individualized cancer therapy <i>Hokland, P. (DENMARK)</i> S-29 Adrenergic receptor targeted therapy: From the bench towards personalized treatment in oncology <i>Zänker, K.S. (GERMANY)</i> S-30 Concluding remarks <i>Zänker, K.S. (GERMANY)</i>

Sunday, December 2, 2012

Time	Ballroom I, II, III	
	PLENARY LECTURES:	Abstract No.
	Chairpersons: Groopman, J. (U.S.A.) and Svasti, J. (THAILAND)	
09:00	Plenary Lecture 7: New medicines for cancer arising from surprising new biology <i>Schimmel, P. (U.S.A.)</i>	PL-7
09:50	Plenary Lecture 8: The role of obesity, physical activity and metabolic factors in cancer aetiology <i>Riboli, E. (U.K.)</i>	PL-8
10:40	Plenary Lecture 9: Molecular targets for cancer chemoprevention <i>Steele, V.E. (U.S.A.)</i>	PL-9

11:30 L U N C H

POSTER PRESENTATION:
PD-01 to PG-45
Display: December 1, 14:30 to December 2, 17:30
Discussion: December 2, 12:00-14:00 and 17:00-17:30

Time	Ballroom I	Ballroom II	Ballroom III
14:00	<p>SYMPOSIUM VII: Arsenic: Complex Environmental Contaminant Linked to Cancer and Other Chronic Diseases</p> <p>Chairpersons: Suk, W.A. (U.S.A.) Fry, R.C. (U.S.A.)</p> <p style="text-align: right;">Abstract No.</p> <p>Health risk assessment of arsenic exposure through groundwater drinking pathway in Southeast Asia S-31 <i>Kim, K.W. (KOREA)</i></p> <p>Arsenic and the epigenome: Inter-individual differences in urinary arsenic profiles associated with distinct DNA methylation patterns S-32 <i>Fry, R.C. (U.S.A.)</i></p> <p>Prenatal to early childhood arsenic Exposure: Gene expression, DNA methylation and DNA repair S-33 <i>Ruchirawat, M. and Navasumrit, P. (THAILAND)</i></p> <p>Stem cells in arsenic-induced transplacental carcinogenesis S-34 <i>Tokar, E.J. (U.S.A.)</i></p> <p>Effect of arsenic on genomic and non-genomic estrogen signalings S-35 <i>Thiantanawat, A. (THAILAND)</i></p> <p>Consequences of arsenic exposure in children S-36 <i>Graziano, J.H. (U.S.A.)</i></p> <p>Mortality risks from arsenic in drinking water: Impact of exposure on chronic disease S-37 <i>Smith, A.H. (U.S.A.)</i></p>	<p>SYMPOSIUM VIII: Drug Discoveries</p> <p>Chairpersons: Siegel, J. (SWITZERLAND) Ruchirawat, S. (THAILAND)</p> <p style="text-align: right;">Abstract No.</p> <p>Natural products from multiple sources as leads to anticancer drugs S-38 <i>Newman, D.J. (U.S.A.)</i></p> <p>Seaweed fucoidans - A platform for new drug discovery S-39 <i>Nifantiev, N.E. (RUSSIA)</i></p> <p>Peptidomimetics, protein-protein interactions, and tumor targeting S-40 <i>Burgess, K. (U.S.A.)</i></p> <p>Recent advances in the chemistry and biology of bioactive natural products S-41 <i>Chen, D. (SOUTH KOREA)</i></p> <p>Glycomics as key targets for therapeutic intervention S-42 <i>Shriver, Z.H. (U.S.A.)</i></p>	<p>SYMPOSIUM IX: Novel Approaches to the Treatment of Cancer</p> <p>Chairpersons: Feun, L.G. (U.S.A.) Auewarakul, C.U. (THAILAND)</p> <p style="text-align: right;">Abstract No.</p> <p>Therapeutic strategies targeting ERBB2 S-43 <i>Pegram, M.D. (U.S.A.)</i></p> <p>Novel therapy for non-small cell lung cancer in the 21st century S-44 <i>Nguyen, D.M. (U.S.A.)</i></p> <p>Novel therapy for hepatocellular carcinoma S-45 <i>Feun, L.G. (U.S.A.)</i></p> <p>National Cancer Institute's approaches to early experimental therapeutics S-46 <i>Ivy, S.P. (U.S.A.)</i></p>

Monday, December 3, 2012

Time	Ballroom I	Ballroom II	Ballroom III
9:00	<p><u>SYMPOSIUM X:</u> <i>Molecular Approaches and Targets for Cancer Therapy and Prevention</i> Chairpersons: Samson, L.D. (U.S.A.) Satayavivad, J. (THAILAND)</p> <p style="text-align: right;">Abstract No.</p> <p>Eradicating cancer in our lifetime: S-47 Novel approaches and new horizons <i>Chakrabarty, A.M. (U.S.A.)</i></p> <p>Application of risk factor knowledge to the intervention of cervical cancer S-48 <i>Au, W.W. (P.R. CHINA)</i></p> <p>Chronic inflammation increases cancer risks: Role of reactive nitrogen and oxygen species S-49 <i>Wogan, G.N. (U.S.A.)</i></p> <p>DNA repair is indispensable for survival after acute inflammation in mice S-50 <i>Samson, L.D. (U.S.A.)</i></p> <p>The O⁶-alkylguanine response: Implications for cancer therapy S-51 <i>Kaina, B. (GERMANY)</i></p> <p>Molecular target-based chemoprevention of inflammation-associated cancer with edible phytochemicals S-52 <i>Surh, Y-J. (SOUTH KOREA)</i></p>	<p><u>SYMPOSIUM XI:</u> <i>Collegium Ramazzini's Symposium on Hot Topics on Environmental and Occupational Origins of Cancer</i> Moderators: Mehlman, M.A. (U.S.A.) Soffritti, M. (ITALY)</p> <p style="text-align: right;">Abstract No.</p> <p>The IARC monographs programme: S-53 Recent evaluations of occupational and environmental carcinogens <i>Straif, K. (IARC, FRANCE)</i></p> <p>Cancer prevention and control in high risk populations S-54 <i>Ringen, K. (U.S.A.)</i></p> <p>The carcinogenicity of aspartame administered with the feed to rats and mice for the life span S-55 <i>Soffritti, M. (ITALY)</i></p> <p>Chromosome 5 and 7 abnormalities in oncology personnel handling anti-cancer drugs S-56 <i>McDiarmid, M. (U.S.A.)</i></p> <p>Salivary biomarkers of environmental cancer S-57 <i>Koh, D.S.Q. (BRUNEI DARUSSALAM)</i></p> <p>Chromosome damage and the damage repair capacity in Chinese VCM-exposed workers S-58 <i>Xia, Z-L. (P.R. CHINA)</i></p>	<p><u>SYMPOSIUM XII:</u> <i>Towards the Cure: Targets for Therapeutic Intervention</i> Chairpersons: Savaraj, N. (U.S.A.) Ratanabanangkoon, K. (THAILAND)</p> <p style="text-align: right;">Abstract No.</p> <p><i>In vitro</i> and <i>in vivo</i> investigations of targeted drug delivery to tumor cells using nanoparticles transported by natural carriers (red blood cells) S-59 <i>Bäumler, H.H. (GERMANY)</i></p> <p>Nanopharmaceuticals: Exciting approach for cancer treatment and cure S-60 <i>Fetzer, O. (U.S.A.)</i></p> <p>Targeting tumor metabolism: Back to the future S-61 <i>Savaraj, N. (U.S.A.)</i></p> <p>Targeting ROS and tumor metabolism to kill cisplatin resistant lung cancer S-62 <i>Wangpaichitr, M. (U.S.A.)</i></p> <p>Towards the cure; analysis and intervention in cancer cell chemoresistance S-63 <i>Gant, T.W. (U.K.)</i></p> <p>Autophagy as a target for cancer therapy S-64 <i>Isidoro, C. (ITALY)</i></p>
12:00	L U N C H		
Time	Ballroom I, II, III		
13:30	<p><u>CLOSING SESSION:</u> <i>Challenges and Opportunities: Cancer Treatment from Bench to Bedside</i> Moderator: Sasisekharan, R. (U.S.A.) Panelists: • Rosenblatt, M. (U.S.A.) • Roychowdhury, D. (U.S.A.) • Kania, E.M., Jr. (U.S.A.)</p>		
15:30	<p><u>CLOSING CEREMONY</u> Closing Lecture: Future practice of medicine <i>Ausiello, D.A. (U.S.A.)</i></p>		Abstract No. CL
16:15	<ul style="list-style-type: none"> • Signing of Agreement of Collaboration between Chulabhorn Research Institute and Center for Cancer Research, National Cancer Institute, U.S.A. - "Thailand's Initiative in Genomics and Expression Research for Liver Cancer (TIGER-LC)" 		
16:25	<ul style="list-style-type: none"> • Presentation of the Princess Chulabhorn Gold Medal Award 		
16:40	<ul style="list-style-type: none"> • Closing Remarks by Professor Dr. HRH Princess Chulabhorn 		