

Invitation to 2013 Seoul National University

Cancer Research Institute & Cancer Hospital Symposium

On behalf of the symposium's organizing committee, I cordially invite you to the [Seoul National University Cancer Research Institute and Seoul National University Cancer Hospital's 2013 Annual Symposium], which will be held in Jeju Island, Korea, between May 2 ~ 5, 2013.

Currently, a lot of countries are focusing on translational research which facilitates findings in basic science to be translated to practical applications. This process is known to greatly contribute to improvement of people's health and well-being. In order to reinforce translational research, there has been an increasing recognition that co-operation among scientists working on both clinical and basic medicine is essential in expediting collaborative research, which helps find effective solutions. For this reason, this symposium will be co-prepared by SNU Cancer Hospital and SNU Cancer Research Institute to give a synergetic effect for the advancement of translational research.

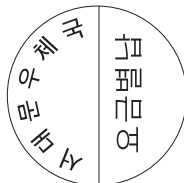
The topic for the symposium is [Innovative Approaches to Explore Novel Druggable Targets]. The symposium will bring together strategies that address current issues confronting cancer research, hoping that attendees will walk away with valuable information and unforgettable inspiration. Furthermore, we are planning on holding social meetings that will stimulate active knowledge sharing among participants on up-to-date trends and research achievements. We are confident that the symposium will lead to fruitful collaborations.

We will put our utmost effort in preparing for this symposium so that this may be an invaluable opportunity that will help us realize to which direction cancer research should follow. The opportunity will also help promote a wide range of exchange of experience and knowledge. I would like to ask for your active participation and continued interest in making this event into a significant one.

We encourage you to join us in Jeju Island, a beautiful place in Korea. I'm sure this will be a meaningful event for you.

Dong-Young Noh

Head of The Organizing Committee of
2013 Seoul National University
Cancer Research Institute & Cancer Hospital Symposium



Cancer Research Institute
Seoul National University



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2013 SNUCRI & SNUCH CANCER SYMPOSIUM

Innovative Approaches to Explore Novel Druggable Targets

May 2-4, 2013
Phoenixisland, JEJU

Cancer Research Institute
Seoul National University



Invitation to 2013 Seoul National University Cancer Research Institute Symposium

Dear Colleagues,

It is a great pleasure to invite you to beautiful Jeju Island for 2013 Seoul National University Cancer Research Institute Symposium to be held from 2nd of May to 4th of May, 2012.

The title for this year's symposium is 'Innovative Approaches to Explore Novel Druggable Targets'. As the title suggests, this year's symposium will be the place for innovative thinkers and scientists to gather and exchange their bright ideas about new drug targets against cancer. More than 30 scientists will be attending our symposium this year and we are confident that this will be a great chance to interact with other scientists to build future collaborative network.

We did our best to organize the conference to be filled with interesting scientific presentations about innovative tools in finding novel druggable targets. It will be good opportunity for you to hear about up-to-date research from top-tier scientists.

Social events will provide you with the chance to network with your fellow scientists actively. We are sure scientific discussions will also be enriched in these carefully planned events.

May is the best season in Korea. We do hope you will be able to join us to enrich our symposium. We look forward to meeting you at the most incredible place in Korea, Jeju Island.

Thank you.

Yong-Sang Song

Director
Cancer Research Institute
Seoul National University

5.2 (THU) CARCINOGENESIS, CANCER PREVENTION, TARGETING METABOLISM

08:30 Opening Ceremony Yong-Sang Song
(Director, Cancer Research Institute Seoul National University, Korea)

Symposium I : Cancer Prevention: Epidemiologic and Mechanistic Perspectives
Chairperson : Il-Moo Chang

08:40-09:00 Targets search and identification for cancer prevention
Zigang Dong (The Hormel Institute, University of Minnesota, USA)
09:00-09:20 Targeting inflammatory and anti-inflammatory signaling for cancer chemoprevention
Young-Joon Surh (Seoul National University, Korea)
09:20-09:40 Somatic cell transformation under specific microenvironment
Jeong-Mook Lim (Seoul National University, Korea)
09:40-10:00 Ras stability eegulation via the Wnt/ β -catenin signaling Kang-Yell Choi (Yonsei University, Korea)
10:00-10:20 Coffee break

Symposium II : Natural Compounds for Cancer Prevention
Chairperson : Malyn Chulasiri

10:20-10:40 Natural compounds as inhibitors of the hallmarks of cancer
Marc Diederich (LBMCC, Kirchberg Hospital, Luxembourg)
10:40-11:00 Two facets of ROS in cancer cell fate signaling
Shazib Pervaiz (National University of Singapore, Singapore)
11:00-11:20 Use of mouse models to study the mechanism of action of BH3-mimetic drugs in vivo
Philippe Bouillet (The Walter and Eliza Hall Institute, Australia)
11:20-11:40 Identification of novel intracellular targets of cardiac glycosides in cancer
Claudia Cerella (LBMCC, Kirchberg Hospital, Luxembourg)
11:40-12:00 Mechanisms of genistein in prostate cancer prevention and treatment
Omer Kucuk (Winship Cancer Institute, Emory University, USA)
12:00-13:00 Lunch

Symposium III : Potential New Tartets for Cancer Prevention Chairperson : Junji Yodoi

13:00-13:20 Stress code of p53-ATF3 axis in cancer and anti-cancer treatment |
Shigetaka Kitajima (Tokyo Medical and Dental University, Japan)
13:20-13:40 Tumor suppressor decorin in cancer progression and its therapeutic potential
Wancai Yang (Xinxiang Medical University, China)
13:40-14:00 Protective roles of thioredoxin family proteins against inflammatory disorders
Yoshiyuki Matsuo (Institute for Virus Research Kyoto University, Japan)
14:00-14:20 Eicosanoids in diseases- a novel target for regulation of biological processes
Samar Basu (University d'Auvergne, France)
14:20-14:40 Potential new target(s) for prevention of high-fat-diet-induced non-alcoholic fatty liver
diseases Zemin Yao (University of Ottawa, Canada)
14:40-15:00 Coffee break

Symposium IV : Metabolism and Autophagy Chairperson : Young-Nam Cha

15:00-15:20 Identification of delta-6 desaturase as an anti-cancer target
Kang, Jing X (Harvard Medical School, USA)
15:20-15:40 Cellular context-dependent autophagic regulation in cancer
Johji Inazawa (Tokyo Medical and Dental University, Japan)
15:40-16:00 TBD Yong-Sang Song (Seoul National University, Korea)
16:00-16:20 More than cytoprotection: a triple role of heme oxygenase-1 in rhabdomyosarcoma
Alicja Jozkowicz (Jagiellonian University, Poland)
16:20-16:40 Autophagy as a target for anticancer therapies with natural compounds
Ciro Isidoro (Universita del Piemonte Orientale, Italy)
16:40-17:00 Changes in macrophage phenotypes and cytokines/chemokines in tumor microenvironment
in mice fed high-fat diet Jung-Han Yoon Park (Hallym University, Korea)

5.3 (FRI) SYSTEMS BIOLOGY AND TRANSLATIONAL RESEARCH

Symposium V : Systems Biology and New Technology in Cancer Research
Chairperson : Seung-Hoon Lee

08:00-08:20 Supercomputer in caner research Satoru Miyano (University of Tokyo, Japan)
08:20-08:40 Gene-based and gene-set based analysis for the rare variants to explore druggable targets
Tae-Sung Park (Seoul National University, Korea)
08:40-09:00 Coalescence of genomics and synthetic biology for high-throughput functional genomics in
cancer Du-Hee Bang (Yonsei University, Korea)
09:00-09:20 Translational genomics for personalized cancer treatment
Woong-Yang Park (Samsung Genome Institute, Korea)
09:20-09:40 Sequencing-based approach for cancer-stromal interactome
Shumpei Ishikawa (Tokyo Medical and Dental University, Japan)
09:40-10:00 Coffee break Chairperson : Myung-Haing Cho
10:00-10:20 Liinking epigenetic regulators EZH1 and EZH2 to non-alcoholic fatty liver disease (NAFLD)
Lothar Hennighausen (National Institutes of Health, USA)
10:20-10:40 Genetics, cell specification, and druggable targets Priscilla Anne Furth (Georgetown University, USA)
10:40-11:00 Whole-genome sequencing and comprehensive mutation analysis of liver cancer
Tatsuhiko Tsunoda RIKEN (Center for Genomic Medicine, Japan)
11:00-11:20 Emerging Technologies for High Throughput Few Cell Analysis : Liquid Microarray and Laser
Cloning Sung-Hoon Kwon (Seoul National University, Korea)
11:20-11:40 Copy number alteration, BAP1 & malignant mesothelioma Mitsuru Emi (University of Hawai'i
Cancer Center, USA)
11:40-12:00 Genetic expression involving the cancer-stroma interaction and its clinical significance in
advanced ovarian cancer Daisuke Aoki (University of Keio, Japan)
12:00-13:00 Lunch

Symposium VI : Translational Research and Clinical Application I Chairperson : In-Hoo Kim

13:00-13:20 Translational research for new anti-cancer drug developments
Yung-Jue Bang (Seoul National University, Korea)
13:20-13:40 Establishing clinically relevant patient-derived xenograft tumor models for preclinical
development Chi-Chung Chan (WuXi AppTech Co., Ltd., China)
13:40-14:00 Targets discovery and early clinical trials for personalized healthcare
Toshihiko Ohtomo (Roche/Genentech/Chugai group, Japan)
14:00-14:20 New molecular targeted therapy and translational research Darren Hodgson (AstraZeneca R&D Center, Korea)
14:20-14:40 Future medicine and academia-industry collaboration
Binhui (Ben) Ni (Sanofi (China) Investment Co., Ltd Shanghai Branch, China)
14:40-15:00 Coffee break

Symposium VII : Translational Research and Clinical Application II Chairperson : Dong-Young Noh

15:00-15:20 Novel chimeric transcripts identified by paired-end transcriptome sequencing in human
gastric cancer cell cancer Seong-Jin Kim (CHA Cancer Institute-CHA University, Korea)
15:20-15:40 Comprehensive genetic and epigenetic analysis of gastric cancers
Toshikazu Ushijima (National Cancer Center Research Institute, Japan)
15:40-16:00 Overcoming endocrine resistance in breast cancer by reactivation of tumor suppressor
protein Toyomasa Katagiri (University of Tokushima, Japan)
16:00-16:20 The development of NVP-BYL719, a PI3K α -selective inhibitor for the treatment of PIK3CA
mutant cancers Christine Fritsch (Novartis (NIBR), Switzerland)
16:20-16:40 TTF-1/NKX2-1: a double-edged lineage-survival oncogene in lung adenocarcinoma
Takashi Takahashi (Nagoya University Graduate School of Medicine, Japan)

Symposium VIII : Epidemiologic Research

16:40-17:00 Korean epidemiologic cohort studies for genome researches (mainly stomach cancer and colon
cancer) and Asia cohort consortium Keun-Young Yoo (Seoul National University, Korea)

5.4(SAT) TARGETING CANCER STEM CELLS AND EMT

Symposium IX : Translational Research and Clinical Application III
Chairperson : Porntipa Picha

08:00-08:20 Inflammatory responses and novel mechanisms for gastric cancer
Masanobu Oshima (Cancer Research Institute, Kanazawa University, Japan)
08:20-08:40 S-allyl cysteine; novel synthetic drug for inflammation based gastric diseases
Ki-Baik Hahm (CHA University Medical School, Korea)
08:40-09:00 CNS tumor diagnosis in the era of molecular pathology
Sung-Hye Park (Seoul National University, Korea)

Symposium X : Gynecologic Cancer Research
Chairperson : Sang-Chul Park

09:00-09:20 GPCRs: emerging druggable targets for ovarian cancer therapy
Danny N. Dhanasekaran (University of Oklahoma Health Sciences Center, USA)
09:20-09:40 Novel targets for endometriosis: potential implications of the relationship between
endometriosis and ovarian cancer Asgerally Turabally Fazleabas
(Michigan State University College of Human Medicine, USA)
09:40-10:00 Development of HGF neutralizing humanized antibody
Jae-Wook Jeong (Michigan State University College of Human Medicine, USA)
10:00-10:20 Piceatannol enhances cisplatin sensitivity in ovarian cancer via modulation of the p53 tumor
suppressor pathway and induction of mitochondrial fission
Benjamin K. Tsang (University of Ottawa, Canada)
10:20-10:40 Coffee break

Symposium XI : Targeting Cancer Stem Cells and EMT
Chairperson : Sun-Ha Paek

10:40-11:00 Understanding of cancer stem cell niche for the development of novel therapeutic
strategies Tetsuya Taga (Tokyo Medical and Dental University, Japan)
11:00-11:20 Function-based screening of EMT-suppressive microRNA in cancer cells
Ken-ichi Kozaki (Tokyo Medical and Dental University, Japan)
11:20-11:40 MicroRNAs in mammalian embryos and stem cells
Nam-Hyung Kim (Chungbuk National University, Korea)
11:40-12:00 Genetic modification for avian model development
Jae-Yong Han (Seoul National University, Korea)
12:00 Closing Ceremony
Dong-Young Noh (Director, Seoul National University Cancer Hospital, Korea)

Registrant Information

Last/Family Name: _____

First Name/Middle Initial: _____

Position: ☐ Dr. ☐ Professor ☐ Student ☐ Other

Institution/Organization: _____

Country: _____

Full Address (street, City, State, Postal code, Country): _____

Telephone (include country/area number): _____

Mobile (include country/area number): _____

E-mail: _____

◆Accommodations

SNUCRI & SNUCH Cancer Symposium will provide you with accommodations (2-room in a condominium) for the symposium participants.

• Two (Dr, Professor) and four (Student, Other) people always share a condominium.

☐ Check this box if you do not want to share your room. You will have to pay extra charge.(₩100,000)

☐ Check this box if you do not want to share your condominium. You will have to pay extra charge.(₩300,000)

◆Methods of Payment

Only Bank Transfer

Bank Name: Shinhan Bank

Account Number: 140-006-616887

Account Holder Name: Seoul National University Cancer
Research Institute

Please fill out this registration form and send it by e-mail, at
snucric@snu.ac.kr

