



Scientific Program

June 17 (Fri)

Plenary Session (in English)

09:00-10:00, Crystal Ballroom

Chairs: Seong-Taek Oh (The Catholic University of Korea College of Medicine)
Tae-You Kim (Seoul National University College of Medicine)

- 1) Laparoscopy-Assisted versus Open D2 Distal Gastrectomy for Advanced Gastric Cancer: Results from a Randomized Phase II Multicenter Clinical Trial (COACT 1001)

Young Kyu Park (Chonnam National University Hwasun Hospital)

- 2) Osimertinib in patients with T790M positive advanced non-small cell lung cancer (NSCLC): Korean subgroup analysis from pooled phase II data

Myung-Ju Ahn (Samsung Medical Center)

- 3) Intra-individual genomic heterogeneity of serous adenocarcinoma of ovary and clinical utility of ascitic cancer cells for mutation profiling

Youn Jin Choi (The Catholic University of Korea College of Medicine)

Symposium 12 (in English)

09:00-10:40, Sapphire Ballroom B

Joint Symposium (Korean Cancer Association & Inha MRC)

Tumor microenvironment

Chairs: Jung-whan Kim (The University of Texas at Dallas, USA)

Jae-Seon Lee (Inha University School of Medicine)

- 1) Metabolic heterogeneity of non-small cell lung cancer; GLUT 1 as a novel diagnostic and therapeutic target for squamous lung cancer

Jung-whan Kim (The University of Texas at Dallas, USA)

- 2) Tumor dormancy under hypoxic conditions

Masahiro Inoue (Osaka Medical Center for Cancer and Cardiovascular Diseases, Japan)

- 3) Intravital microscopy technique for cancer research

Pilhan Kim (KAIST)

- 4) Biomarker discovery and development ; Experience in cerebrospinal fluid biomarkers of Alzheimer's disease

Ju-Hee Kang (Inha University School of Medicine)

Plenary Lecture 3 (in English)

10:20-10:50, Crystal Ballroom

Chair: In Kyoung Lim (Ajou University School of Medicine)

Inflammatory microenvironment as a target for cancer prevention and therapy

Young-Joon Surh, Ph.D. (Seoul National University College of Pharmacy)

Plenary Lecture 4 (in English)

10:50-11:40, Crystal Ballroom

Chair: Hyun Cheol Chung (Yonsei University College of Medicine)

Induction of cancer stemness and drug resistance by EGFR inhibitors and cellular stress

David A. Cheresch, Ph.D. (Moores UCSD Cancer Center & UC San Diego School of Medicine, USA)



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Symposium 13 (in English)

13:40-15:20, Crystal Ballroom A

Joint Symposium (Korean Cancer Association & Beijing Medical Association)

Chairs: Seung Hoon Lee (Eulji University School of Medicine)

Jie Ma (Secretary of Cancer Association of Beijing Medical Association, China)

1) Cancer burden in China

Jie Ma (Secretary of Cancer Association of Beijing Medical Association, China)

2) Prostate cancer in China

Zheng Zhang (Vice Chair of Youth Cancer Association of Beijing Medical Association, China)

3) Building the infrastructure for precision oncology in Korea

Tae-You Kim (Seoul National University College of Medicine)

4) The Effect of government surgical quality assessment service on colorectal cancer surgery in Korea

In Kyu Lee (The Catholic University of Korea College of Medicine)

Symposium 14 (in English)

13:40-15:20, Crystal Ballroom B

Cancer-nano precision theragnostics

Chairs: In-San Kim (Korea Institute of Science & Technology / Korea University)

Gu Kong (Hanyang University School of Medicine)

1) Novel sensing approaches for liquid biopsy with multiplexing and precision

Sehyun Shin (Korea University College of Engineering)

2) Liquid biopsy usage in clinical oncology

Yeul Hong Kim (Korea University College of Medicine)

3) Molecular subtype of gastric cancer and their biological characteristics

Jae-Ho Cheong (Yonsei University College of Medicine)

4) Multiplexed, robust LSPR based miRNA measurement with highly controlled Top-down nanosystems

Jung-Sub Wi (Korea Research Institute of Standards and Science)

Symposium 15 (in English)

13:40-15:20, Crystal Ballroom C

Cancer immunology

Chairs: Eun Sook Lee (National Cancer Center)

Woo-Young Kim (Sookmyung Women's University College of Pharmacy)

1) Harnessing immune system to fight against cancer

Sang-We Kim (Asan Medical Center)

2) Toward the identification of determinants of cancer immune responsiveness

Kyong Hwa Park (Korea University College of Medicine)

3) Converting non-immunogenic tumor to immunogenic tumor: resistance and combination

Bhumsuk Keam (Seoul National University College of Medicine)



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Symposium 16 (in English)

13:40-15:20, Sapphire Ballroom A

Autophagy regulation in the development and treatment of cancer

Chairs: Yong-Keun Jung (Seoul National University College of Natural Sciences)

Kyeong Sook Choi (Ajou University School of Medicine)

- 1) Autophagic proteolysis by the N-end rule pathway
Yong Tae Kwon (Seoul National University College of Medicine)
- 2) ER stress to autophagy as a promising druggable target in ovarian cancer
Yong Sang Song (Seoul National University College of Medicine)
- 3) Metabolism and autophagy: pathways for potential cancer therapeutics
Heesun Cheong (National Cancer Center)
- 4) Molecular anatomy of RavZ, LC3-deconjugating enzyme
Hyun Kyu Song (Korea University Division of Life Sciences)

Symposium 17 (in English)

13:40-15:20, Sapphire Ballroom B

Exosome

Chairs: Soo-Jong Um (Sejong University College of Life Sciences)

Jaewhan Song (Yonsei University Department of Biochemistry)

- 1) Exosomes: from basics to clinic
Yong Song Gho (Pohang University of Science and Technology)
- 2) Molecular characterization of extracellular vesicles by proteomics and lipidomics based on mass spectrometry
Kwang Pyo Kim (Kyung Hee University College of Applied Science)
- 3) In vivo radionuclide imaging of exosome-mimetic nanovesicle
Do Won Hwang (Seoul National University College of Medicine)

Symposium 18 (in English)

15:40-17:20, Crystal Ballroom A

Current status and future perspectives of genomic diagnosis in cancer

Chairs: Jae Yong Cho (Yonsei University College of Medicine)

Jin Kim (Seoul National University College of Medicine)

- 1) Current updates and clinical roles of cancer genomic diagnosis in USA
Jin-Soo Kim (Seoul National University Boramae Medical Center)
- 2) Efforts to push cancer genomics to cancer precision medicine of lung cancer
Yong Hou (Beijing Genomics Institute, China)
- 3) Current understanding of ethnic differences in mutation profiles for the clinical application of cancer genomics data in Korea
Hark Kyun Kim (National Cancer Center)



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Symposium 19 (in English)

15:40-17:20, Crystal Ballroom B

Oncology leadership in Asia

Chairs: Hideyuki Akaza (The University of Tokyo, Japan)

Dong-Young Noh (Seoul National University College of Medicine, Korea)

- 1) Jae Kyung Roh (Secretary General of APFOCC, Yonsei University College of Medicine, Korea)
- 2) Kazuhiro Yoshida (Gifu University, Graduate School of Medicine, Japan)
- 3) Hideo Baba (Graduate School of Medical Sciences Kumamoto University, Japan)
- 4) Marie Cherry Lynn Samson-Fernando (Manila Doctors Hospital, Philippines)
- 5) Sanjeev Misra (All India Institute of Medical Sciences, India)
- 6) Zeba Aziz (Hameed Latif Hospital, Pakistan)
- 7) Rainy Umbas (Faculty of Medicine University of Indonesia, Indonesia)
- 8) Yogendra P Singh (Tribhuvan University Teaching Hospital, Nepal)
- 9) Tony Shu Kam MOK (The Chinese University of Hong Kong, Hong Kong)
- 10) Han-Kwang Yang (Seoul National University College of Medicine, Korea)

Symposium 20 (in English)

15:40-17:20, Crystal Ballroom C

Joint Symposium (Korean Cancer Association & The Korean Gastric Cancer Association)

Treatment strategies in stage IV gastric cancer

Chairs: Sun Young Rha (Yonsei University College of Medicine)

Hyuk-Joon Lee (Seoul National University College of Medicine)

- 1) Lessons from REGATTA trial
Do Joong Park (Seoul National University Bundang Hospital)
- 2) Conversion surgery for stage IV gastric cancer patients
Oh Kyoung Kwon (Kyungpook National University School of Medicine)
- 3) What is optimal chemotherapy in different situation with stage IV gastric cancer patient?
Sook Ryun Park (Asan Medical Center)
- 4) Diagnostic laparoscopy for stage IV gastric cancer
Kyo Young Song (The Catholic University of Korea College of Medicine)



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Symposium 21

15:40-17:20, Sapphire Ballroom B

Joint Symposium (Korean Cancer Association & Korean Society of Gynecologic Oncology)

I. Innovative clinical trial design for ovarian cancer

Chairs: Seung Cheol Kim (Ewha Womans University School of Medicine)

Young Tae Kim (Yonsei University College of Medicine)

1) Current evidence and role of neoadjuvant chemotherapy in advanced ovarian cancer

Myong Cheol Lim (National Cancer Center)

2) Lessons from breast cancer: How can we incorporate translational research into neoadjuvant treatment followed by surgery setting?

Joo Hyuk Sohn (Yonsei University College of Medicine)

3) Innovative neoadjuvant treatment clinical trial design for advanced ovarian cancer

Chel Hun Choi (Samsung Medical Center)

II. Future therapy for gynecological cancer

Chairs: Young-Tak Kim (Asan Medical Center)

Yong Sang Song (Seoul National University College of Medicine)

4) GOG 240 and beyond: novel therapies in the treatment of cervical cancer

Jong-Min Lee (Kyung Hee University School of Medicine)

5) Controversies about the role of sentinel node sampling in endometrial cancer

Taek Sang Lee (Seoul National University Boramae Medical Center)

6) Molecular pathogenesis and appropriate target therapies for endometrial cancer

Shin-Wha Lee (Asan Medical Center)

Special Symposium : 면역항암제 국내 도입과 과제

09:00~11:00, Sapphire Ballroom A

09:00 - 09:05 오프닝

좌장 김흥태 교수(국립암센터)

1부 주제 발표: 면역항암제로 인한 암치료 환경의 변화

09:05~09:50

09:05 - 09:25 [발표 1] 암치료 패러다임 변화의 중심, 면역항암제

대한암학회 이대호 교수

09:25 - 09:35 [발표 2] 면역항암제로 인한 삶의 변화

면역항암제 투여 환자

09:35 - 09:50 [발표 3] 암 보장성 강화를 위한 정부의 성과

보건복지부 고희우 과장

2부 전체토론: 면역 항암제 도입 과제 및 해결방안

09:50~10:40

기존 항암제 도입 케이스로 살펴본 면역항암제의 도입 한계

대한암학회 학술이사
김열홍 교수 (고대안암병원)

09:50 - 10:40 면역항암제 도입과 보험급여 정책 개선의 필요성

이의경 교수 (성균관대학교)

국내 급여평가 시스템과 면역항암제 도입 방향

건강보험심사평가원

면역항암제로 인한 국내 보건환경 변화 흐름의 방향

조선일보 김철중 의학전문기자

10:40 - 11:00 전체토론 및 질의 응답

전체



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Satellite Symposium 2 (in English)

11:50-12:50, Crystal Ballroom A + R

Chair: Hoon Kyo Kim (The Catholic University of Korea College of Medicine)

A new perspective in the treatment of non-small cell lung cancer: targeting EGFR (by Roche)

Roman Perez-Soler (Montefiore Medical Park, USA)

Satellite Symposium 3 (in English)

11:50-12:50, Crystal Ballroom C

Chair: Young Suk Park (Samsung Medical Center)

RADIANT-4: Efficacy and safety of everolimus in advanced, nonfunctional neuroendocrine tumors (NET) of the lung or gastrointestinal (GI) tract (by Novartis)

Do-Youn Oh (Seoul National University College of Medicine)

International Session (Oral, in English)

IT 6. Lung cancer

13:40-15:10, Pine Room

Chairs: Jin-Hyuk Choi (Ajou University School of Medicine, Korea)

In Kyu Park (Seoul National University College of Medicine, Korea)

IT-22 Lung Cancer Resection Rate: Concerns from a low-income country

Ranjan Sapkota (Manmohan Cardiothoracic Vascular and Transplant Center, Nepal)

IT-23 The Molecular Breakdown: A Comprehensive Look into Non-Small-Cell Lung Cancer with ALK Rearrangement

Ka-Won Noh (SAIHST, Sungkyunkwan University, Korea)

IT-24 Predictive factors of Outcome in Resectable Non-Small cell Lung carcinoma patients treated with Neo-adjuvant Chemotherapy

Vinaya Kumar JR (All India Institute of Medical Sciences, New Delhi, India)

IT-25 Multidimensional diagnosis, treatment and early prevention on tumor, cysts, hydrops

Xianzhi Han (Hebie Tiantie Group, China)

IT-26 Reactive Oxygen Species Modulator 1 (Romo1) Predicts Poor Outcomes in Advanced Non-Small Cell Lung Cancer Patients Treated with Platinum-Based Chemotherapy

Seung Hyeun Lee (Kyung Hee University School of Medicine, Korea)

IT-27 A Prospective and Dose-escalation Study of Intraperitoneal Bevacizumab in Refractory Malignant Ascites

Furong Kou (Key laboratory of Carcinogenesis and Translational Research, Peking University Cancer Hospital and Institute, Beijing, China)



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IT 7. GY cancer

13:40-14:40, Sapphire Ballroom C

Chairs: Chi-Heum Cho (Keimyung University School of Medicine, Korea)
Jae-Kwan Lee (Korea University College of Medicine, Korea)

IT-28 Laparoscopic sentinel lymph node detection after cervical injection of methylene blue in patients with endometrial cancer and cervical cancer

Zhengmao Zhang (Fourth Hospital of Hebei Medical University, China)

IT-29 Is cervical Cancer still a burden in South India

Selvalucksmi Ganesarajah (Cancer Institute (WIA), Adyar, Chennai, Tamil Nadu, India)

IT-30 Impact of Induction chemotherapy followed by Radiotherapy in patients of Invasive Cancer Cervix after Inadvertent Hysterectomy: A Retrospective Study

Sunil Choudhary (Institute of Medical Sciences, Banaras Hindu University, Varanasi, India)

IT-31 Preinvasive and invasive neoplasm of the cervix among patients with uterine prolapse

Padam Raj Pant (Institute of Medicine, Tribhuwan University Teaching Hospital, Nepal)

IT 8. Basic research 3

15:40-17:10, Sapphire Ballroom A

Chairs: Jong-Soo Lee (Ajou University College of Natural Sciences, Korea)

Seock-Ah Im (Seoul National University College of Medicine, Korea)

IT-32 Identification of characteristics and target genes in diffuse and intestinal type gastric cancer stem-like cells

Jongwon Lee (Korea University Anam Hospital, Korea University College of Medicine, Korea)

IT-33 New monoclonal antibody therapeutically targeting on basic fibroblast growth factor (bFGF) for preclinical study of lung cancer

Meng Xu (The First Affiliated Hospital, Jinan University, China)

IT-34 Correlation of pro-(Interleukin-18) and anti-(Interleukin-10) inflammatory gene expression with NF- κ B transcriptional factor and its significance in advancement and progression of Prostate Carcinoma

Shailendra Dwivedi (All India Institute of Medical Sciences, India)

IT-35 Quantitative HER2 protein expression analysis in multiple cancer indications

Eunkyung An (Nantomics, USA)

IT-36 ET2P3 an Active Component of Antrodia Cinnamomea Eliminates the Cancer Stem-like Sphere-forming Population in Huh7 Human Hepatoma Cells

Gi-Ming Lai (Wan Fang Hospital, Taipei Medical University, Taipei, Taiwan)

IT-37 The expression of CD133 gene in primary glioma cells and its correlation with pluripotency, hypoxia and tumor grade

Septelia Inawati Wanandi (Faculty of Medicine, Universitas Indonesia, Indonesia)



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Oral Presentation

OP 5. GY cancer

14:40~15:00, Sapphire Ballroom C

Chair: Yong Bae Kim (Yonsei University College of Medicine)

OP-34 YAP silencing with siRNA and dobutamine via PLGA multi drug-loaded nanoparticle to overcome YAP-activated ovarian cancer

Ju-Won Roh (Dongguk University Ilsan Hospital)

OP-35 Analysis of prognostic factors for survival and toxicities related to dose-volume histogram parameters after magnetic resonance imaging-guided brachytherapy in patients with cervical cancer

Youngkyong Kim (National Cancer Center)

OP 6-1. Lung cancer

15:40-16:20, Pine Room

Chairs: Sang-We Kim (Asan Medical Center)

Jaeho Cho (Yonsei University College of Medicine)

OP-36 PNA Clamping-assisted Fluorescence Melting Curve Analysis (PANAMutyper) Detect Activating and Acquired Resistance in Plasma from EGFR Mutated NSCLC Patients after EGFR-TKI

Chang Gon Kim (Yonsei Cancer Center, Yonsei University College of Medicine)

OP-37 Prognostic Significance of Stem Cell-related Marker Expression and its Correlation with Histologic Subtypes in Lung Adenocarcinoma

Hyojin Kim (Seoul National University Bundang Hospital)

OP-38 Lymphocyte depletion by Radiotherapy alone is associated with Poor Survival in Non-small Cell Lung Cancer

Ji Hyeon Joo (Asan Medical Center, University of Ulsan College of Medicine)

OP-39 Optimal Dose and Volume for Postoperative Radiotherapy in Patients with 1 to 4 Brain Metastases from Lung Cancer

Seung Yeun Chung (Yonsei Cancer Center, Yonsei University College of Medicine)

OP 6-2. Lymphoma

16:20-16:50, Pine Room

Chairs: Soon Nam Lee (Ewha Womans University School of Medicine)

Hwan-Jung Yun (Chungnam National University School of Medicine)

OP-40 Radiation Therapy for Gastric Mucosa-associated Lymphoid Tissue Lymphoma: Dose-volumetric Analysis and Its Clinical Implications

Hyeon Woo Lim (Proton Therapy Center, Research Institute and Hospital, National Cancer Center)

OP-41 Sexual problems in non-Hodgkin lymphoma survivors: differences by gender

Imryung Kim (Samsung Medical Center)

OP-42 The Effectiveness of Low-Dose Palliative Radiotherapy for Patients with Stage III or IV Aggressive Non-Hodgkin Lymphoma

Sang Hee Youn (National Cancer Center)



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OP 6-3. Radiation oncology

16:50-17:20, Pine Room

Chairs: Chang-Ok Suh (Yonsei University College of Medicine)

Woo-Yoon Park (Chungbuk National University College of Medicine)

OP-43 A novel recursive partitioning analysis classification in newly diagnosed glioblastoma treated with radiotherapy and temozolomide: highlighting the MGMT promoter methylation status

Chan Woo Wee (Seoul National University College of Medicine)

OP-44 Risk stratification of vertebral compression fracture after palliative RT for spinal metastases

Jin Ho Kim (Seoul National University Hospital)

OP-45 Postoperative Radiotherapy after Limb-Sparing Surgery for Soft Tissue Sarcomas of the Wrist, Hand, Ankle and Foot

Yeon Joo Kim (Asan Medical Center, University of Ulsan College of Medicine)

OP 7-1. Basic research 2

15:40-16:20, Sapphire Ballroom C

Chairs: Won Sang Park (The Catholic University of Korea College of Medicine)

G-One Ahn (Pohang University of Science and Technology)

OP-46 Histone 3 lysine 4 methylase (MLL4) and histone 3 lysine 27 demethylase (UTX) as histone-modifying enzyme reduces the expression of O6-methylguanine DNA methyltransferase in glioblastoma

Young Zoon Kim (Samsung Changwon Hospital, Sungkyunkwan University School of Medicine)

OP-47 Erk inhibition enhanced anti-tumor effects of BCG in bladder cancer cells through blocking of antimicrobial peptide

Su Bin Jin (Chung-Ang university)

OP-48 Inhibition of glioblastoma tumorspheres by combined treatment with 2-deoxyglucose and metformin

Seok-Gu Kang (Severance Hospital, Yonsei University College of Medicine)

OP-49 MicroRNA-584-5p functions as a tumor suppressor and targets YKT6 in lung carcinogenesis

Jae Sook Sung (Cancer Research Institute, Korea University)

OP 7-2. Basic research 2

16:20-17:00, Sapphire Ballroom C

Chairs: Young-Gyu Ko (Korea University College of Lifescience and Biotechnology)

Sug Hyung Lee (The Catholic University of Korea College of Medicine)

OP-50 Exploring genomic profiles of high grade prostatic intraepithelial neoplasia and prostate cancer

Seung-Hyun Jung (The Catholic University of Korea College of Medicine)

OP-51 Analysis of somatic genome rearrangements in human cancers by whole exome sequencing

Yoon-La Choi (Samsung Medical Center)

OP-52 Characterization of immune checkpoint protein expression in tumor-bearing elderly mice

So Jung Lim (Yonsei University College of Medicine)

OP-53 Advances in establishment of 3D tumor microenvironment in vitro for Hepatocellular Carcinoma Therapy

Se-Hyuk Kim (Institut Pasteur Korea)



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Poster Presentation

09:00~17:00, Emerald Room

- P-088 Anti-proliferation effects of marine sponge *Coscinoderma* sp. and *Lipastrotethya* sp. extracts on human colorectal carcinoma HCT116 cells
Kihearn Choi (Duksung Women's University)
- P-089 Production of human interferon gamma, as an anti-cancer drug, in different expression systems
Ali Razaghi (James Cook University, Australia)
- P-090 Transcription factor Sp1 prevents TRF2^{ΔBAM}-induced premature senescence in human diploid fibroblasts
Jeong A Han (Kangwon National University School of Medicine)
- P-091 Genotoxic stress/p53-induced DNAJB9 inhibits the pro-apoptotic function of p53
Jeong A Han (Kangwon National University School of Medicine)
- P-092 XAF1 directs apoptotic switch of MTF1 signaling through direct binding and inactivation of MT2A
Na-Jung Lim (Korea University)
- P-093 KLF4 inhibits prostate cancer progression by reciprocally interacting with androgen receptor
Yen-Nien Liu (Graduate Institute of Cancer Biology and Drug Discovery, Taipei Medical University, Taipei, Taiwan)
- P-094 Identification of a novel partner gene, KIAA1217, fused to RET: functional characterization and inhibitor sensitivity of two isoforms in lung adenocarcinoma
Mi Sook Lee (Samsung Advanced Institute for Health Sciences & Technology, Sungkyunkwan University School of Medicine)
- P-095 Salinomycin Reduces Stemness and Induces Apoptosis on Human Ovarian Cancer Stem Cell
Chi-Heum Cho (Keimyung University School of Medicine)
- P-096 MerTk acts as a critical player for maintenance of glioma stem-like cells and invasiveness through STAT3-KRAS signaling in glioblastoma
Hyojin Eom (Hanyang University College of Natural Sciences)
- P-097 Characterization of sphere cells originated from a PDX lung adenocarcinoma after ionizing radiation therapy
Jinhyang Choi (Asan Institute for Life Sciences)
- P-098 Comparative study of kinetics for T, B, and NK cells between ABO incompatible and compatible living donor liver transplantation
Kyoung Joo Lee (Graduate School of Cancer Science and Policy)
- P-099 The role of β-catenin associated invasion in pancreatic cancer cell line
Jinnian Nan (Seoul St. Mary's Hospital, The Catholic University)
- P-100 KIF5B-RET fusion gene may induce EMT via the regulation of two transcription factors, FOXA2 and STAT5A
Min-young Kim (The Catholic University of Korea)
- P-101 Redox regulation of HIF-1α in cancer cells under hypoxia
Eun-Taex Oh (Inha University College of Medicine)
- P-102 TGF-β-independent CTGF induction regulates cell adhesion-mediated drug resistance by increasing collagen I in HCC spheroids
Yeonhwa Song (Institut Pasteur Korea)
- P-103 Chemical A inhibit exosome secretion of breast cancer cell by regulating intracellular calcium concentration
Ye-Rin Ko (School of Medicine, Kyungpook National University)
- P-104 Enhancement of tumor control by SBRT and SRS using HIF-1α inhibitors
In Hwan Park (Korea Institute of Radiological and Medical Sciences)



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- P-105 The largest known survival analysis of patients with brain metastasis from thyroid cancer based on prognostic groups
Jinhyun Choi (Gangnam Severance Hospital, Yonsei University College of Medicine)
- P-106 Comparison of Lung and Esophageal Toxicity of Randomized, Multicenter Phase III Study of Accelerated Fraction with Concomitant Boost in Concurrent Chemoradiation in Patients with Unresectable Stage III Non-small Cell Lung Cancer (KROG 0903)
Seung-Gyu Park (Dogae Health Subcenter)
- P-107 Radiosensitizing effect of novel phenylpyrimidine derivatives on human lung cancer cells via cell cycle arrest
Seung-Youn Jung (Korea Institute of Radiological & Medical Sciences)
- P-108 The effect of hyperthermia in preoperative radiotherapy for locally advanced rectal cancer in terms of short-period follow-up
Sunghyun Kim (Wonju Severance Christian Hospital)
- P-109 Acute Changes of Neurotrophins/Receptors in Hippocampus Following Cranial Irradiation
Shengjun Ji (Nanjing Medical University Affiliated Suzhou Hospital, China)
- P-110 The Role of p75 Neurotrophin Receptor in Hippocampus Neurogenesis Impairment after Whole Brain Irradiation
Shengjun Ji (Nanjing Medical University Affiliated Suzhou Hospital, China)
- P-111 Pilot study of FMC (5-fluorouracil, mitomycin C and cisplatin) with radiotherapy for patients with anal carcinoma: a single-institute experience on 18 patients
In Hee Lee (Kyungpook National University Medical Center)
- P-112 Regional differences in colorectal cancer mortality in the Republic of Korea
Hyeong Taek Woo (Seoul National University College of Medicine)
- P-113 Additional preoperative chemotherapy between preoperative chemoradiotherapy and surgery in patients with locally advanced rectal cancer
In Gyu Hwang (Chung-Ang University College of Medicine)
- P-114 Clinical significance of discordant CEA-response with RECIST criteria as prognostic and predictive marker for sequential response of RECIST in metastatic colorectal cancer
In-Ho Kim (Seoul St. Mary's Hospital, The Catholic University of Korea)
- P-115 Hematoporphyrin-conjugated peptide binds colon cancer *in vitro* and *ex vivo*
Ju Hee Kim (The Catholic University of Korea)
- P-116 Prognostic Significance of TRAP1 Expression Level in Patients with Operable Colorectal Cancer
Mee Sook Roh (Dong-A University College of Medicine)
- P-117 CD133 regulates FZD1 expression in colon cancer cells
Mee-Yon Cho (Yonsei University Wonju College of Medicine)
- P-118 Coffee Intake and Risk of Colorectal Cancer: A Meta-Analysis of Observational Studies
Miyoun Shin (Graduate School of Cancer Science and Policy)
- P-119 Audit of rectal cancer in a tertiary cancer Hospital of Nepal
Bibek Acharya (National Academy of Medical Sciences, Bir Hospital, Nepal)
- P-120 Preclinical activity of the schedule-dependent combination of MEK Inhibitor with 5-fluorouracil in BRAF-mutant colorectal cancer models
Seung Jin Lee (Chungnam National University)
- P-121 Reliability and Validity of the Korean Version of Therapy Induced Neuropathy Assessment Scale (TINAS) for Colorectal Cancer Patients
You Lee Yang (Graduate School of Yonsei University)



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- P-122 Preoperative chemoradiotherapy for elderly patients with locally advanced rectal cancer – a real world outcome study
Younak Choi (Seoul National University Bundang Hospital)
- P-123 AGM130 (5'-OH-5-nitro-Indirubin oxime), a novel cyclin-dependent inhibitor induces G2-M arrest, shows antitumor activity in colorectal cancer cells
Hyun-Jeong Shim (Chonnam National University Medical School of Medicine)
- P-124 Characterization and antitumor activities of polysaccharide from *Gracilariopsis lemaneiformis*
Yani Kang (Shanghai Jiao Tong University, China)
- P-125 Distinct *RHOA* mutation pattern in diffuse type gastric cancer
Chae Hwa Kwon (Pusan National University Hospital)
- P-126 Comparison of efficacy and tolerance between combination therapy and monotherapy as a first line chemotherapy in elderly patient with advanced gastric cancer; multicenter randomized phase 3 study
In Sil Choi (SMG-SNU Boramae Medical Center)
- P-127 Change in systemic inflammation markers can be predictive marker for chemotherapy response and prognosis in metastatic gastric cancer
In-Ho Kim (Seoul St. Mary's Hospital, The Catholic University of Korea)
- P-128 An observational investigation of the level of HER2 protein overexpression in Korean patients with gastric adenocarcinoma and prognostic effect of HER2 and analysis of trastuzumab usage patterns for in stage IV gastric cancer
Jang Ho Cho (Gangnam Severance Hospital, Yonsei University College of Medicine)
- P-129 The efficacy and feasibility of definitive concurrent chemoradiation(CRT) with weekly 5-FU and cisplatin for esophageal cancer
Joon Won Jeong (Seoul St. Mary's Hospital, The Catholic University of Korea)
- P-130 8-9 cycles FOLFOX regimen compared to more than 10 cycles regimen has similar antitumor effect and reduces neuropathy in metastatic gastric cancer as first-line palliative chemotherapy
Kyung Sun Ha (Seoul St. Mary's Hospital, The Catholic University of Korea)
- P-131 Identification of novel potential cancer-promoting genes in gastric cancer based on integrated genome-wide analysis of alterations in genomic copy number and gene expression
Mi Jeong Kwon (College of Pharmacy, Kyungpook National University)
- P-132 Analysis of characteristics in curatively resected stage IV gastric cancer patients
Sang eun Yoon (Ewha Womans University)
- P-133 Neoadjuvant chemotherapy may not benefit inoperable esophageal squamous cell carcinoma patients treated with definitive chemoradiotherapy
Ming-Qiu Chen (Fujian Medical University Union Hospital, China)
- P-134 Re-assessment of HER2 status in tumor samples of gastric and gastro-esophageal junction cancer
Woo Ho Kim (Seoul National University College of Medicine)
- P-135 Optimal Adjuvant Treatment for Curatively Resected Thoracic Esophageal Squamous Cell Carcinoma: A Radiotherapy Perspective
Kyung Hwan Kim (Yonsei Cancer Center, Yonsei University College of Medicine)
- P-136 Clinical Outcomes of Stereotactic Ablative Radiotherapy In Patients with Pulmonary Metastasis
Bum-sup Jang (Seoul National University Hospital)
- P-137 Precision medicine approach for lung adenocarcinoma with concomitant MET and HER2 amplification
Doo-Yi Oh (Samsung Medical Center, Sungkyunkwan University School of Medicine)
- P-138 Salvage Radiotherapy for Locoregionally Recurrent Non-Small-Cell Lung Cancer After Resection
Eunji Kim (Seoul National University Bundang Hospital)



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- P-139 Treatment patterns, biomarker testing (BMx) practices and Healthcare Resource Use (HCRU) in patients with advanced non-small cell lung cancer (NSCLC) - Korea data, PIVOTAL study
Hyejin Myeong (Merck Sharpe & Dohme, Korea)
- P-140 The upregulation of FOXA2 transcription factor in ret rearranged lung adenocarcinoma
Jeong-Oh Kim (Research Institutes of Medical Science, The Catholic University)
- P-141 Efficacy of Irinotecan and Platinum Based Chemotherapy as Third-Line Treatment for Patients with Small-Cell Lung Cancer Relapsed after Chemotherapy with either Topotecan or Belotecan
Ji Hyun Yang (St. Mary's Hospital, The Catholic University of Korea)
- P-142 CRIPTO1 expression in EGFR-mutant NSCLC elicits intrinsic EGFR-inhibitor resistance
Kang-Seo Park (Institute for Innovative Cancer Research, University of Ulsan College of Medicine, Asan Medical Center)
- P-143 Synergistic effect of combined CDK4/6 inhibitor with docetaxel in lung cancer cell lines harboring KRAS mutations
Kyoung Hwa Son (Seoul St. Mary's Hospital, The Catholic University of Korea)
- P-144 *EGFR* Mutation Status in Adenocarcinomatous and Nonadenocarcinomatous Components in Adenosquamous Carcinoma, Pleomorphic Carcinoma and Combined Neuroendocrine Carcinoma of the Lung
Mee Sook Roh (Dong-A University College of Medicine)
- P-145 PAI-1 and Plasma Fibrinogen as Prognosis Factors in Adenocarcinoma Lung Cancer Patients
Edel Herbitya (Dharmais National Cancer Hospital, Indonesia)
- P-146 Transcriptome sequencing reveals the potential role of driver genes in chemotherapy-induced multidrug resistance of lung adenocarcinoma
Meng Xu (The First Affiliated Hospital, Jinan University, China)
- P-147 PD-L1 polymorphism can predict clinical outcomes of non-small cell lung cancer patients treated with first-line paclitaxel-cisplatin chemotherapy
Shin Yup Lee (Kyungpook National University School of Medicine)
- P-148 Lung Cancer Patients in Eastern Region of Nepal
Ram Sharan Mehta (B. P. Koirala Institute of Health Sciences, Nepal)
- P-149 LYN expression predicts response to dasatinib in non-smoking female patients with lung adenocarcinoma
Yu Jin Kim (Samsung Biomedical Research Institute, Samsung Medical Center)
- P-150 Homebrew PCR assay to detect ALK rearrangements in lung cancers
Yu Hui (Fudan University Shanghai Cancer Center, China)
- P-151 Synchronous Hodgkins Lymphoma and adenocarcinoma lung with metachronous squamous cell carcinoma of esophagus – a rare case report
Aswin Anapathoor Nagarajan (Cancer Institute(WIA), Adyar, Chennai, Tamil Nadu, India)
- P-152 Heterogeneous nuclear ribonucleoprotein K (hnRNP K) are differentially expressed in acute lymphoblastic leukemia
Kee Ryeon Kang (Gyeongsang National University School of Medicine)
- P-153 Targeted Inhibition of 5-Lipoxygenase Increases Chemosensitivity in Acute Myeloid Leukemia
Alec W Stranahan (Weill Cornell Graduate School of Medical Sciences, USA)
- P-154 Case Report: 72 year old man with Prolymphocytic leukemias (PLLs), a rare type of leukemia
Ansi Rinjani (Dharmais Nasional Cancer hospital, Indonesia)
- P-155 The profile of peripheral blood test, immunophenotyping, CEBPA gene mutation and survival of acute myeloid leukemia patients in Dharmais National Cancer Hospital-Indonesia
Leovinna Widjaja (Dharmais National Cancer Hospital, Indonesia)



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- P-156 Profiles of Telomere Length in Adult and Childhood Myelodysplastic Syndromes
Si Nae Park (Seoul National University College of Medicine)
- P-157 Screening of 36 translocations and chromosomal aberrations in 6025 de novo leukemia patients
Xue Chen (Hebei Yanda Lu Daopei Hospital, Hebei, China)
- P-158 Therapeutic Strategies for Dedifferentiated Liposarcoma with Engineered Mesenchymal Stem cells
Eun Byeol Jo (Samsung Advanced Institute for Health Sciences and Technology, Sungkyunkwan University)
- P-159 Does fluid collection have an impact on radiotherapy outcomes after excision of soft tissue sarcoma?
Noorie Choi (Seoul National University College of Medicine)
- P-160 Three-dimensional Reformatted PET/CT Application in Musculoskeletal Tumors
Seoung-Oh Yang (Dongnam Institute for Radiological and Medical Sciences)
- P-161 Prostate-specific antigen kinetics after hypofractionated stereotactic body radiotherapy for localized prostate cancer
Hun Jung Kim (Inha University Hospital, Inha University of Medicine)
- P-162 Insulin induced overexpression of ATP citrate lyase promotes endometrial tumorigenesis and cancer metastasis by modulating c-MYC stability
Miao Dai (Shanghai Jiao Tong University Affiliated Sixth People's Hospital, Shanghai Cancer Institute, Shanghai Jiao Tong University, Shanghai, China)
- P-163 Development and validation of chemoradio-prediction model using reverse phase protein arrays in locally advanced cervical cancer
Chel Hun Choi (Samsung Medical Center, Sungkyunkwan University School of Medicine)
- P-164 Prognostic model for disease-free survival, lymphatic and/or hematogenous recurrence, in patients with early stage cervical cancer treated with radical hysterectomy: A Korean Gynecologic Oncology Group Study
Chel Hun Choi (Samsung Medical Center, Sungkyunkwan University School of Medicine)
- P-165 The pathologic analysis of LSIL and ASCUS
Eunseop Song (Inha University Hospital)
- P-166 Thy synergistic effect of cervicovaginal microbiota and human papillomavirus on increased risk for cervical intraepithelial neoplasia in Korea
Hea Young Oh (National Cancer Center)
- P-167 The association of uterine cervical microbiota with an increased risk for cervical intraepithelial neoplasia in Korea
Hea Young Oh (National Cancer Center)
- P-168 Survival outcome of cervical cancer patients staged with MR imaging
Jiyoung Kim (Ewha Womans University School of Medicine)
- P-169 Anti-tumor effect of AveUltra[®], a wheat germ extract, on human ovarian cancer cells
Kyung-Jin Jung (Korea Institute of Toxicology)
- P-170 The HIF1 α -FGFRL1 axis protects against apoptosis in high grade serous ovarian cancer
Haiyan Tai (The Obstetrics and Gynecology Hospital of Fudan University, China)



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- P-171 RSF-1 (HBXAP) amplification and overexpression is associated with clinical pathological characteristics in cervical
Li Sun (Shandong Cancer Hospital and Institute, Shandong University, Jinan, China)
- P-172 Value of imaging study in predicting pelvic lymph node metastases for uterine cervical cancer
Wonguen Jung (Ewha Womans University Mokdong Hospital)
- P-173 Development of Mini-Comprehensive Geriatric Assessment for the Elderly Cancer Patients Based on Relationships
between Comprehensive Geriatric Assessment Items and Performance Status
Keon Uk Park (Dongsan Medical Center, Keimyung University School of Medicine)