

제21차 대한암학회 추계심포지엄

2016. 11. 18(금) / 서울롯데호텔(소공동)

Plenary Lecture

PL ①
11:00-11:50
Crystal Ballroom
Real-time-image gated proton beam therapy (RGPT)
Hiroki Shirato, M.D., Ph.D. (Department of Radiation Medicine, Hokkaido University School of Medicine, Japan)

PL ②
13:10-13:50
Crystal Ballroom
Genome editing in human stem cells, animals, and plants
Jin-Soo Kim, Ph.D.
(Seoul National University College of Natural Sciences)

Symposium

SP ①
09:00-10:40
Crystal Ballroom A
Colorectal cancer
1) **Molecular carcinogenesis of colorectal cancer**
이석형 (가톨릭의대)
2) **New target and immune therapeutic agents**
백선경 (경희의대)
3) **Multidisciplinary therapy**
박지원 (서울의대)
4) **Future clinical and translational research in the colorectal cancer**
안중배 (연세의대)

SP ②
09:00-10:40
Crystal Ballroom B
Circulating tumor DNA
1) **Circulating Tumor-specific molecules: Approaches to ultrasensitive isolation, analysis, and clinical applications**
조영남 (국립암센터)
2) **Fully automated RAS and BRAF ctDNA analysis on the Idylla™ platform**
Bart Jacobs (Biocartis)
3) **Technical issues on NGS data analysis of ctDNA**
김호기 (셀레믹스)
4) **Accurate monitoring of somatic mutations in liquid biopsy samples**
박웅양 (성균관의대)

SP ③
09:00-10:40
Emerald Room
Lung cancer : Who benefits? And What if We don't' Know?
1) **Limited resection in lung cancer**
김현구 (고려의대)
2) **Optimal patients and current evidence for lung SBRT**
김연실 (가톨릭의대)
3) **Advanced EGFR/ALK therapy**
이세훈 (성균관의대)
4) **Emerging molecular targets**
김동완 (서울의대)

SP ④
14:00-15:40
Crystal Ballroom A
Tumor microenvironment
1) **Lactate-mediated metabolic signaling in a hypoxic microenvironment**
염영일 (한국생명공학연구원)
2) **Tumor-associated neutrophils and MDSC in cancer**
연제인 (서울의대)
3) **Stability regulation of Ras via Wnt/beta-catenin signaling and implication in cancer therapy**
최강열 (연세대 생명시스템대학)
4) **STAT3 is a novel therapeutic target for cancer stem cells and tumor microenvironment**
예상규 (서울의대)

SP ⑤
14:00-15:40
Crystal Ballroom B

Glycomics in cancer
1) **Glycans as cancer biomarkers and therapeutic targets**
박세훈 (성균관의대)
2) **Development of cancer biomarker based on comprehensive glycomics approach**
김정희 (KAIST)
3) **The sweet spot of post-translational modifications – understanding the role of the glycosylation in diseases and health**
안현주 (충남대학교 분석과학기술대학원)
4) **Glycomics, gastric cancer, and *Helicobacter pylori***
Jay V. Solnick (UC Davis Comprehensive Cancer Center, USA)

SP ⑥
14:00-15:40
Emerald Room
암 패널 임상 실용화 : 이슈 및 전망
1) **유전자검사제도 개선 방향과 NGS 암유전체 검사의 임상도입**
김열홍 (고려의대)
2) **NGS 임상검사실 인증제 사업**
장세진 (울산의대)
3) **Panel discussion**
김열홍 (고려의대), 장세진 (울산의대), 김종원 (성균관의대), 정현용 (마크로젠)

SP ⑦
16:00-17:40
Crystal Ballroom A
Genome medicine toward precision medicine
1) **Precision medicine in lung cancer**
한지연 (국립암센터)
2) **Genome medicine for breast cancer: From prevention to precise treatment**
한원식 (서울의대)
3) **Somatic mutations in human neurological disorders -the mutation-of-origin in human glioblastoma-**
이정호 (KAIST)
4) **Systems approaches for genome medicine**
황대희 (DGIST)

SP ⑧
16:00-17:40
Crystal Ballroom B
Immuno-Oncology update
1) **Interaction between cancer and the immune system**
최경호 (서울의대)
2) **Biomarker for immuno-oncology**
이근욱 (분당서울대학교 병원)
3) **Stimulation of anti-cancer immunity by optimal combination**
정희철 (연세의대)

SP ⑨
16:00-17:40
Emerald Room
Radiomics/Radiogenomics
1) **Machine learning algorithms for precision medicine in glioblastoma**
성준경 (고려대 보건과학대학)
2) **Radiomics and its role in clinical management & research**
이호연 (성균관의대)
3) **Radiogenomics of breast cancer and clinical significance on diagnosis and treatment**
신승의 (서울의대)

Luncheon Symposium

Pfizer
11:50-12:50
Crystal Ballroom A
Palbociclib in HR+/HER2-metastatic breast cancer
박경화 (고려의대)

Bayer
11:50-12:50
Crystal Ballroom B
The implication of new molecular target in oncology
Dirk Laurent (Bayer)