

Translating Discovery into Cancer Cure

제22차 대한암학회 추계심포지엄

2017년 11월 17일(금) 서울롯데호텔(소공동)

Plenary Lecture 1

11:00 - 11:50, Crystal Ballroom

The metabolic function of cyclin D3-CDK6 kinase in cancer cell survival

Peter Sicinski, M.D., Ph.D.
(Professor of Genetics, Harvard Medical School and Dana-Farber Cancer Institute, USA)

Plenary Lecture 2

13:10 - 14:00, Crystal Ballroom

Functional genomics approaches to identify vulnerabilities in cancer cells

Mathew Garnett, Ph.D.
(Group Leader of Translational Cancer Genomics Laboratory, Wellcome Trust Sanger Institute, UK)

Symposium 1

09:00 - 10:40, Crystal Ballroom A

Cancer epigenetics

- 1 Epigenetic regulation of gene expression dynamics 김태수 (이화여대 자연과학대학)
- 2 Extracellular vesicle microRNAs as non-invasive biomarkers in colorectal cancer 노태영 (POSTECH)
- 3 Variability in chromatin architecture and associated DNA repair at genomic positions containing somatic mutations 김선영 (한국생명공학연구원)

Symposium 2

09:00 - 10:40, Crystal Ballroom B

Rare tumor in the era of precision medicine

- 1 Sarcoma update 2017 이준아 (한국원자력의학원)
- 2 Molecular profiling of rare tumor 최윤라 (성균관대의대)
- 3 AR based navigation for precision surgery 조환성 (분당서울대학교병원)
- 4 Personalized therapy for sarcoma 안진희 (울산의대)

Symposium 3

09:00 - 10:40, Emerald Room

Immunotherapy beyond PD1/PDL1

- 1 Immune checkpoint receptors targeting to enhance cetuximab therapy 지현배 (Ambrx)
- 2 Natural killer cell therapy for refractory leukemia 최인표 (한국생명공학연구원)
- 3 Targeting Treg in cancer immunotherapy 김용성 (아주대 공과대학)
- 4 The promise and challenges of current immune checkpoint blockade approaches in cancer immunotherapy 최인학 (인제의대)

Symposium 4

14:25 - 16:05, Crystal Ballroom A

Single cell genomics

- 1 Single cell transcriptome analysis unveils tumor microenvironment 이혜옥 (삼성서울병원)
- 2 Accounting for technical noise in single-cell RNA-seq 김종경 (DGIST)
- 3 Single cell genomics for breast cancer to overcome tumor heterogeneity 한원식 (서울의대)

Symposium 5

14:25 - 16:05, Crystal Ballroom B

Farewell to 2Gy dogma

- 1 Extreme diversity of radiation dose prescription in lung cancer 조재호 (연세의대)
- 2 Hypofractionated whole breast irradiation: new standard in early breast cancer after breast-conserving surgery 신경환 (서울의대)
- 3 Hypofractionated radiotherapy for hepatic malignancies 윤상민 (울산의대)
- 4 Hypofractionated preoperative radiotherapy in rectal cancer 이종훈 (가톨릭의대)

Symposium 6

14:25 - 16:05, Emerald Room

DNA repair pathway as therapeutic target in cancers

- 1 A molecular portrait of microsatellite instability across multiple cancers 김태민 (가톨릭의대)
- 2 TonEBP promotes recurrence of hepatocellular carcinoma: role of nucleotide exchange repair 권혁무 (UNIST)
- 3 Clinical implication of deficiency in DNA repair pathway 김정은 (울산의대)

Symposium 7

16:20 - 18:00, Crystal Ballroom A

AI in oncology

- 1 Artificial intelligence and precision medicine 안성민 (가천의대)
- 2 AI platform technology and use cases 이강윤 (가천대 IT대학)
- 3 AI in medical imaging 서준범 (울산의대)

Symposium 8

16:20 - 18:00, Crystal Ballroom B

Genome editing

- 1 Precision segmentation of cancer genomes for identification of complex somatic structures Hanlee P. Ji (Stanford University School of Medicine)
- 2 Mutant KRAS targeting using CRISPR-Cas9 김형범 (연세의대)
- 3 Genome editing into safe harbor site of human chromosome for inducible gene expression 조제열 (서울대 수의대)
- 4 CRISPR/Cas9 in lung cancer research 이춘택 (분당서울대학교병원)

Symposium 9

* 대한산부인과학회 공동심포지엄

16:20 - 18:00, Emerald Room

Cancer and fertility preservation

- 1 Fertility preservation for people with cancer 김미란 (아주의대)
- 2 Importance of early referral and referral system 김자연 (차의대)
- 3 Cancer treatment and future fertility: medical oncologists' perspective 박경화 (고려의대)
- 4 Cancer treatment and future fertility: surgeons' perspective 김희승 (서울의대)

Satellite Symposium 1 (by AstraZeneca)

11:50 - 13:00, Crystal Ballroom A

Osimertinib, a third-generation EGFR inhibitor: from discovery to the clinic 김태민 (서울의대)

Satellite Symposium 2 (by Bayer)

11:50 - 13:00, Crystal Ballroom B

Treating advanced HCC: where are we today? 류백렬 (울산의대)

보완대체 요법에 대한 의료인과 환자의 인식조사 결과

14:00 - 14:15, Crystal Ballroom

권정혜 (한림의대)

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