# Next Generation Precision Medicine: Bridging Biology and Drug Development in Precision Oncology

## 제 25회 연세 송당 암 연구센터 국제 암 심포지엄

25th International Symposium of
Yonsei Song-dang Institute for Cancer Research

일시  2019년 11월 1일(금) / 09:00 ~ 17:00
장소  연세대학교 의과대학 에비슨의생명연구센터 유일한홀(1층)
사전등록  http://www.sympogate.kr

| Time | | |
|---|---|---|
| 09:00-09:05 | Opening address | Hyun Cheol Chung, MD, PhD  Director, Yonsei Song-dang Institute for Cancer Research, Korea |
| 09:05-09:10 | Welcome address | Yang Soo Jang, MD, PhD  Dean, Yonsei University College of Medicine, Korea |
| **Session I** | **Immuno-oncology – the bridge between basic research and clinical practice** | |
| 09:10-09:30 | Employing the dual nature of T cells for immunotherapy | Yoon Park, PhD  KIST, Korea |
| 09:30-09:50 | NK cell-based immunotherapy for refractory cancer | In Pyo Choi, PhD  KRIBB, Korea |
| | **Plenary lecture** | |
| 09:50-10:30 | Cancer genomics landscape for precision medicine and the future | Alex Boussioutas, PhD  The University of Melbourne, Australia |
| 10:30-10:50 | Coffee break | |
| **Session II** | **Making personalized medicine a reality for more patients with cancer** | |
| 10:50-11:20 | Heading towards the SUMMIT of HER2 mutations: moving cancer knowledge past HER2 amplification | Michael Cox, PhD  Puma Biotechnology, Inc., USA |
| 11:20-11:50 | Merck's approach to precision medicine in oncology | Peter Tobin, PhD  Merck-Serono Co. Ltd., USA |
| 11:50-13:00 | Luncheon symposium  New era of systemic chemotherapy for advanced gastric cancer | Narikazu Boku, MD, PhD  National Cancer Hospital, Japan |
| **Session III** | **Unmask cancers to immune system and boost effects of immunotherapy** | |
| 13:00-13:20 | The promise of combining radiation therapy and immunotherapy | Jee Suk Chang, MD  Yonsei University College of Medicine, Korea |
| 13:20-13:50 | The BiTE® immuno-oncology platform and its potential application in gastric cancer | Virginie Naegele, PhD  Amgen Research (Munich) GmbH, Germany |
| **Session IV** | **New care pathways with novel therapeutics in development for precision medicine** | |
| 13:50-14:10 | Exosomes and mimetic technologies for theranostics | Yong Song Gho, PhD  POSTECH, Korea |
| 14:10-14:30 | AI and precision medicine: data-driven drug response prediction and drug discovery | Jaewoo Kang, PhD  Korea University, Korea |
| 14:30-14:50 | Coffee break | |
| | **Professor Waun Ki Hong memorial lecture** | |
| 14:50-15:40 | Precision medicine: progress through collaboration | John Marshall, MD  Lombardi Cancer Center, Georgetown University School of Medicine, USA |
| **Session V** | **Biomarkers and their impact on precision medicine** | |
| 15:40-16:00 | Novel IO response predictive biomarker | Alex Boussioutas, PhD  The University of Melbourne, Australia |
| 16:00-16:30 | Anti-drug Ab with immune-oncologic agent in melanoma and lung cancer | Aaron Ha, PhD  Sengenics Co., Ltd., Singapore |
| 16:30-17:00 | Epigenetic predictive biomarker of IO treatment | Raghav Sundar, PhD  National University Hospital, Singapore |
| | Close | |