AACR-KCA Joint Conference on
Precision Medicine in Solid Tumors

November 15(Thu) - 17(Sat), 2018
Lotte Hotel Seoul, Korea

website: precisionmedicine2018.aacr.asia
Welcome

message

Dear Colleagues,

On behalf of the American Association for Cancer Research (AACR) and the Korean Cancer Association (KCA), we have the great pleasure to invite you to attend the first AACR-KCA Joint Conference on Precision Medicine in Solid Tumors, which will be held from November 15-17, 2018, in Seoul, Korea.

The program will feature prominent international and local experts on the latest research covering the entire cancer research spectrum, including: Cancer Genomics, Precision Diagnostics: NGS-based Cancer Panels, Liquid Biopsy, Novel Technologies, Immunology: Biomarkers and Therapies, Novel Targets, Epigenomics and Immunology: Technologies and Innovations. This interactive three-day program will also include an educational session on Genome-Driven Clinical Trials and two poster sessions for attendees to discuss their latest research.

We are confident that you will find this to be an engaging and insightful meeting, and we hope that you will take full advantage of the opportunity to network with colleagues from around the world and forge collaborations that will bring us all closer to our unified mission to prevent and cure cancer.

Sincerely,

General Information

Date: November 15-17, 2018
Venue: Lotte Hotel Seoul, Korea
Official Language: English
Website: Precisionmedicine2018.aacr.asia
Co-hosts: Korean Cancer Association (KCA) American Association for Cancer Research (AACR)
Advance Registration Deadline: October 12, 2018
Conference Secretariat: Tel. +82 2 6263 2947
E-mail: aacr-kca@mci-group.kr

< Major Sponsors >
**Program Committee**

**Program Committee Co-chairs**

- **Tae-You Kim**
  Seoul National University Hospital, Seoul, Korea

- **Charles L. Sawyers**
  Memorial Sloan Kettering Cancer Center, New York, USA

**Program Committee**

- **Myung-Ju Ahn**
  Sungkyunkwan University Samsung Medical Center, Seoul, Korea

- **Woong Yang Park**
  Samsung Medical Center, Seoul, Korea

- **Waun Ki Hong**
  The University of Texas MD Anderson Cancer Center, Houston, USA

- **Sun Young Rha**
  Yonsei University Hospital, Seoul, Korea

- **Seock-Ah Im**
  Seoul National University Hospital, Seoul, Korea

- **Michel Sadelain**
  Memorial Sloan Kettering Cancer Center, New York, USA

- **Tae Won Kim**
  Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea

- **Tatsuhiko Shibata**
  University of Tokyo, Tokyo, Japan

- **Gu Kong**
  Hanyang University Hospital, Seoul, Korea

- **Patrick Tan**
  Duke-NUS Medical School, Singapore

**Keynote Speakers**

**November 15 | 10:40-11:20**

- **Precision medicine in lung cancer: Opportunities & challenges**
  Prof. Waun Ki Hong
  The University of Texas MD Anderson Cancer Center, Houston, USA

**November 16 | 10:40-11:20**

- **Clinical trials in the era of precision medicine**
  Prof. Yung-Jue Bang
  Seoul National University College of Medicine, Seoul, Korea
### NOVEMBER 15 THU

<table>
<thead>
<tr>
<th>Time</th>
<th>Floor</th>
<th>2F</th>
<th>3F</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:00-08:30</td>
<td>2F</td>
<td>Registration / Breakfast</td>
<td>3F</td>
</tr>
<tr>
<td>08:30-10:10</td>
<td>2F</td>
<td>Educational Session: Genomics-Driven Clinical Trials (Crystal Ballroom)</td>
<td>3F</td>
</tr>
<tr>
<td>10:10-10:30</td>
<td>2F</td>
<td>Break</td>
<td>3F</td>
</tr>
<tr>
<td>10:30-11:20</td>
<td>2F</td>
<td>Welcome &amp; Keynote Lecture 1: Prof. Waun Ki Hong (Crystal Ballroom)</td>
<td>3F</td>
</tr>
<tr>
<td>11:20-12:00</td>
<td>2F</td>
<td>Luncheon Symposium 1: ONO Pharma / BMS (Crystal Ballroom)</td>
<td>3F</td>
</tr>
<tr>
<td>12:00-13:00</td>
<td>2F</td>
<td>Special Lecture 1: &quot;Scientia potentia est&quot;: NGS-based precision medicine (Crystal Ballroom)</td>
<td>3F</td>
</tr>
<tr>
<td>13:00</td>
<td>2F</td>
<td>Plenary Session 1: Cancer Genomics (Crystal Ballroom)</td>
<td>3F</td>
</tr>
<tr>
<td>14:40</td>
<td>2F</td>
<td>Break</td>
<td>3F</td>
</tr>
<tr>
<td>15:00-16:40</td>
<td>2F</td>
<td>Plenary Session 2: Precision Diagnostics: NGS-based Cancer Panels (Crystal Ballroom)</td>
<td>3F</td>
</tr>
<tr>
<td>16:40</td>
<td>2F</td>
<td>Spotlight on Proffered Papers Session 1</td>
<td>3F</td>
</tr>
<tr>
<td>17:15</td>
<td>2F</td>
<td>Poster Session 1 &amp; Reception (Sapphire Ballroom 8)</td>
<td>3F</td>
</tr>
</tbody>
</table>

### NOVEMBER 16 FRI

<table>
<thead>
<tr>
<th>Time</th>
<th>Floor</th>
<th>2F</th>
<th>3F</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:00-08:30</td>
<td>2F</td>
<td>Registration / Breakfast</td>
<td>3F</td>
</tr>
<tr>
<td>08:30-10:10</td>
<td>2F</td>
<td>Plenary Session 3: Liquid Biopsy (Crystal Ballroom)</td>
<td>3F</td>
</tr>
<tr>
<td>10:10-10:40</td>
<td>2F</td>
<td>Break</td>
<td>3F</td>
</tr>
<tr>
<td>10:40</td>
<td>2F</td>
<td>Keynote Lecture 2: Prof. Yung-Jee Bang (Crystal Ballroom)</td>
<td>3F</td>
</tr>
<tr>
<td>11:20</td>
<td>2F</td>
<td>Luncheon Symposium 4: Roche Korea (Crystal Ballroom)</td>
<td>3F</td>
</tr>
<tr>
<td>12:10</td>
<td>2F</td>
<td>Special Lecture 2: Dr. Geoff Otto</td>
<td>3F</td>
</tr>
<tr>
<td>12:00</td>
<td>2F</td>
<td>Plenary Session 4: Novel Technologies (Crystal Ballroom)</td>
<td>3F</td>
</tr>
<tr>
<td>14:40</td>
<td>2F</td>
<td>Break</td>
<td>3F</td>
</tr>
<tr>
<td>15:00</td>
<td>2F</td>
<td>Plenary Session 5: Immunology: Biomarkers and Therapies (Crystal Ballroom)</td>
<td>3F</td>
</tr>
<tr>
<td>16:40</td>
<td>2F</td>
<td>Spotlight on Proffered Papers Session 2</td>
<td>3F</td>
</tr>
<tr>
<td>17:15</td>
<td>2F</td>
<td>Poster Session 2 &amp; Reception (Sapphire Ballroom 8)</td>
<td>3F</td>
</tr>
</tbody>
</table>
### NOVEMBER 17 SAT

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:30-08:30</td>
<td>Registration / Breakfast</td>
</tr>
<tr>
<td>08:30-10:10</td>
<td>Plenary Session 6</td>
</tr>
<tr>
<td>10:10-10:40</td>
<td>Break</td>
</tr>
<tr>
<td>10:40-12:20</td>
<td>Plenary Session 7</td>
</tr>
<tr>
<td>12:20-13:00</td>
<td>Luncheon Symposium 7 (by MSK)</td>
</tr>
<tr>
<td>13:10-14:00</td>
<td>Special Lecture 3</td>
</tr>
<tr>
<td>14:00-15:40</td>
<td>Plenary Session 8</td>
</tr>
<tr>
<td>15:40-16:00</td>
<td>Closing Remarks</td>
</tr>
</tbody>
</table>

### NOVEMBER 15 THU

#### Opening Keynote Lecture

- **Title:** Precision medicine in lung cancer: Opportunities & challenges
- **Date:** 08:40-11:20, Crystal Ballroom
- **Chair:** Charles L. Sawyers
- **Speaker:** Waun Ki Hong (The University of Texas MD Anderson Cancer Center, Houston, USA)

#### Educational Session

- **Title:** Genomics-Driven Clinical Trials
- **Cochairs:** Yoon-Koo Kang, Elaine R. Mardis
- **Date:** 08:30-10:10, Crystal Ballroom

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30-08:55</td>
<td>Precision medicine in lung cancer: Prime time</td>
</tr>
<tr>
<td>08:55-09:20</td>
<td>The Umbrella Trial in GC: Understanding the disease through genomics</td>
</tr>
<tr>
<td>09:20-09:45</td>
<td>Tumor agnostic drug development: Revisiting the score card in 2018</td>
</tr>
<tr>
<td>09:45-10:10</td>
<td>Overview of genomic technologies</td>
</tr>
</tbody>
</table>
### NOVEMBER 15THU

#### Plenary Session 1

**Cancer Genomics**

**Co-chairs**
- Hyun Cheol Chung, Yonsei University College of Medicine, Seoul, Korea
- Patrick Tan, Duke-NUS Medical School, Singapore

**Schedule**
- 13:00-13:25
  - Knowledge to practice using cancer genomics
    - Se-Hoon Lee (Samsung Medical Center, Seoul, Korea)
- 13:25-13:50
  - Genomic and epigenomic profiles of Asian gastrointestinal malignancies
    - Patrick Tan (Duke-NUS Medical School, Singapore)
- 13:50-14:15
  - Title to be announced
    - Jong-Il Kim (Seoul National University College of Medicine, Seoul, Korea)
- 14:15-14:40
  - Implementing cancer genomics into the diagnosis and treatment of pediatric cancer
    - Elaine R. Mardis ( Nationwide Children’s Hospital, Columbus, USA)

#### Plenary Session 2

**Precision Diagnostics: NGS-based Cancer Panels**

**Co-chairs**
- Eun Sook Lee, National Cancer Center, Korea
- Thomas D. Brown, Swedish Cancer Institute, Seattle, USA

**Schedule**
- 15:00-15:25
  - Current status of the Korean Cancer Precision Medicine Project, K-MASTER
    - Yeul Hong Kim (Korea University College of Medicine, Seoul, Korea)
- 15:25-15:50
  - Impact of clinical NGS: Lessons from lung cancer
    - Jessica Jiyeong Lin (Massachusetts General Hospital Cancer Center, Boston, USA)
- 15:50-16:15
  - Updated results and new studies in the nation-wide NGS-based new agent development
    - Atsushi Ohtsu (National Cancer Center Hospital East, Chiba, Japan)
- 16:15-16:40
  - The future of cancer care through biologic profiling and big data
    - Thomas D. Brown (Swedish Cancer Institute, Seattle, USA)

---

#### Luncheon Symposium 1 (ONO Pharma Korea / BMS)

**Chair**
- Geon Kook Lee, National Cancer Center, Goyang, Korea

**Title**
- Tumor mutational burden as a predictive biomarker in immuno-oncology: Implications for clinical practice and worldwide implementation

**Speakers**
- Aurora Seminara (Bristol-Myers Squibb, Princeton, USA)
- Geon Kook Lee (National Cancer Center, Goyang, Korea)

#### Luncheon Symposium 2 (AstraZeneca)

**Chair**
- Sang We Kim, University of Ulsan College of Medicine, Seoul, Korea

**Title**
- Groundbreaking efficacy of osimertinib as a new SoC for EGFRm NSCLC management

**Speakers**
- Hye Ryun Kim (Yonsei University College of Medicine, Seoul, Korea)
- Young Suk Park (Samsung Medical Center, Seoul, Korea)

#### Luncheon Symposium 3 (Merck Korea)

**Chair**
- Young Suk Park, Samsung Medical Center, Seoul, Korea

**Title**
- Optimized treatment strategy in mCRC with recent precision medicine

**Speakers**
- Myung Ah Lee (Seoul St. Mary’s Hospital, The Catholic University of Korea, Seoul, Korea)
Special Lecture 1

“Scientia potentia est”-NGS-based precision medicine

**Chair**  |  Yeul Hong Kim  
Korea University College of Medicine, Seoul, Korea

12:00-12:15  
**K-MASTER program overview : Korean Precision Medicine Initiative**  
Yeul Hong Kim (Korea University College of Medicine, Seoul, Korea)

12:15-12:30  
**Implementation of clinical sequencing in cancer treatment**  
To be announced

12:30-13:00  
**Discussion and Q&A : Regulatory considerations for NGS Oncopanel development**  
Panelists : Yeul Hong Kim, Aurora Seminara (BMS) and additional panelists to be announced

Spotlight on Proffered Papers Session 1

The outstanding abstract submitters will be selected as the oral presenters in the session for 10 minutes (Q&A included)

Poster Session 1 / Reception

Poster Session and Reception will be held simultaneously. Poster Session will be structured to promote optimal interactions among attendees by presenting abstract during the conference. Presenter would be in the room at this time. Details to be announced.
**NOVEMBER 16 FRI**

### Plenary Session 4

**Novel Technologies**

- **Cochairs**: Woong Yang Park (Samsung Medical Center, Seoul, Korea) and William C. Hahn (Dana-Farber Cancer Institute, Boston, USA)

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00-13:25</td>
<td>Computational inference of cancer dependencies in clinical samples</td>
<td>Jung Kyoong Choi</td>
<td>KAIST, Daejeon, Korea</td>
</tr>
<tr>
<td>13:25-13:50</td>
<td>Title to be announced</td>
<td>Charles L. Sawyers</td>
<td>Memorial Sloan Kettering Cancer Center, New York, USA</td>
</tr>
<tr>
<td>13:50-14:15</td>
<td>Architecture of genomic rearrangements molding fusion oncogenes in lung adenocarcinomas</td>
<td>Young Seok Ju</td>
<td>KAIST, Daejeon, Korea</td>
</tr>
<tr>
<td>14:15-14:40</td>
<td>Defining a cancer dependencies map</td>
<td>William C. Hahn</td>
<td>Dana-Farber Cancer Institute, Boston, USA</td>
</tr>
</tbody>
</table>

### Plenary Session 5

**Immunology : Biomarkers and Therapies**

- **Cochairs**: Hyunsook Lee (Seoul National University College of Natural Sciences, Seoul, Korea) and Zemin Zhang (Peking University, Beijing, China)

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:00-15:25</td>
<td>Effective biomarker for immuno-precision treatment of metastatic gastric cancer</td>
<td>Sun Young Rha</td>
<td>Yonsei University College of Medicine, Seoul, Korea</td>
</tr>
<tr>
<td>15:25-15:50</td>
<td>Single cell analysis of tumor-infiltrating immune cells</td>
<td>Zemin Zhang</td>
<td>Peking University, Beijing, China</td>
</tr>
<tr>
<td>15:50-16:15</td>
<td>Advancement in anti-PD-1 therapy : Prediction and combination</td>
<td>Eui-Cheol Shin</td>
<td>KAIST, Daejeon, Korea</td>
</tr>
<tr>
<td>16:15-16:40</td>
<td>Immune regulatory networks in tumor microenvironment</td>
<td>Hiroyoshi Nishikawa</td>
<td>National Cancer Center, Chiba, Japan</td>
</tr>
</tbody>
</table>

### Luncheon Symposium 4 (Roche Korea)

- **Chair**: Ki Hyeong Lee (Chungbuk National University College of Medicine, Cheongju, Korea)

<table>
<thead>
<tr>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tecentriq with Avastin and chemotherapy : The new frontier in lung cancer</td>
<td>Ji-Youn Han</td>
<td>National Cancer Center, Goyang, Korea</td>
</tr>
</tbody>
</table>

### Luncheon Symposium 5 (Amgen Korea)

- **Chair**: Jin Seok Ahn (Samsung Medical Center, Seoul, Korea)

<table>
<thead>
<tr>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>RANKL inhibition as a treatment option in preventing skeletal-related events in cancer patients with bone metastases</td>
<td>Alison T. Stopeck</td>
<td>University of Arizona Cancer Center, Tucson, USA</td>
</tr>
</tbody>
</table>

### Luncheon Symposium 6 (Sanofi Genzyme)

- **Chair**: Jong Gwang Kim (Kyungpook National University School of Medicine, Daegu, Korea)

<table>
<thead>
<tr>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expanding the horizons in treatment of mCRC : How to choose the “right” second-line</td>
<td>Kei Muro</td>
<td>Aichi Cancer Center Hospital, Nagoya, Japan</td>
</tr>
</tbody>
</table>
**NOVEMBER 16 FRI**

**Special Lecture 2**
- **12:10-13:00, Crystal Ballroom**

  Chair | To be announced

  **Building a clinico-genomic database to inform cancer immunotherapy treatment**
  Geoff Otto (Foundation Medicine, Cambridge, USA)

**Spotlight on Proffered Papers Session 2**
- **16:40-17:10, Crystal Ballroom**

  The outstanding abstract submitters will be selected as the oral presenters in the session for 10 minutes (Q&A included)

**Poster Session 2 / Reception**
- **17:15-19:30, Sapphire Ballroom B**

  Poster Session and Reception will be held simultaneously.
  Poster Session will be structured to promote optimal interactions among attendees by presenting abstract during the conference. Presenter would be in the room at this time. Details to be announced.

**NOVEMBER 17 SAT**

**Plenary Session 6**
- **08:30-10:10, Crystal Ballroom**

  **Novel Targets**

  Chair | Young-Joon Surh | Seoul National University College of Pharmacy, Seoul, Korea
  Charles L. Sawyers | Memorial Sloan Kettering Cancer Center, New York, USA

  **08:30-08:55**
  Using patient tumor derived organoids to model, detect and treat cancer
  Sethil K. Muthuswamy (Beth Israel Deaconess Medical Center, Boston, USA)

  **08:55-09:20**
  Targeting MAT2A in MTAP-deleted cancers
  Katya Marjon (Agios Pharmaceuticals, Cambridge, USA)

  **09:20-09:45**
  ROS1 Fusion
  Byoung Chul Cho (Yonsei University College of Medicine, Seoul, Korea)

  **09:45-10:10**
  Targeting DNA damage repair: PARP inhibitor and beyond
  Seock-Ah Im (Seoul National University College of Medicine, Seoul, Korea)

**Plenary Session 7**
- **10:40-12:20, Crystal Ballroom**

  **Epigenomics**

  Chair | Jin-Hyoung Kang | College of Medicine, The Catholic University of Korea, Seoul, Korea
  Patrick Trojer | Constellation Pharmaceuticals, Cambridge, USA

  **10:40-11:05**
  Precision epigenetic cancer risk diagnosis taking account of our life
  Toshikazu Ushijima (National Cancer Center, Tokyo, Japan)

  **11:05-11:30**
  Targeting the histone methyltransferase EZH2 in cancer
  Patrick Trojer (Constellation Pharmaceuticals, Cambridge, USA)

  **11:30-11:55**
  Whole-Genome and Epigenomic Landscapes of Etiologically Distinct Subtypes of Cholangiocarcinoma.
  Bin Teh (National Cancer Center, Singapore)

  **11:55-12:20**
  Massively scaled single cell whole genome sequencing for studying cancer dynamics
  Sohrab Shah (Memorial Sloan Kettering Cancer Center, New York, USA)
Plenary Session 8

Immunology: Technologies and Innovations

• 14:00-15:40, Crystal Ballroom

**Cochairs**

Young-Joon Kim  
Yonsei University, Seoul, Korea

Michel Sadelain  
Memorial Sloan Kettering Cancer Center, New York, USA

- **14:00-14:25**

  *Immune-Profiling of human B cell repertoire using next generation sequencing*
  
  Junho Chung  
  (Seoul National University College of Medicine, Seoul, Korea)

- **14:25-14:50**

  Title to be announced
  
  Michel Sadelain  
  (Memorial Sloan Kettering Cancer Center, New York, USA)

- **14:50-15:15**

  *A personalized cancer vaccine targeting neoepitopes*
  
  Chang-Yuil Kang  
  (Seoul National University College of Pharmacy, Seoul, Korea)

- **15:15-15:40**

  Title to be announced
  
  AACR Speaker, to be announced

Luncheon Symposium 7 (MSD)

• 12:20-13:00, Crystal Ballroom

**Chair**

Dong-Wan Kim  
Seoul University Hospital, Seoul, Korea

**The definition of “unprecedented”: Unheard-of and unrivaled**

Jean-François Pouliot  
(Merck/MSD International medical lead-NSCLC and new indication, New Jersey, USA)

Special Lecture 3

• 13:10-14:00, Crystal Ballroom

**Chair**

Sun Young Rha  
Yonsei University College of Medicine, Seoul, Korea

**Biomarker development strategy for Pembrolizumab in GI tumors**

Mary Josephine Savage  
(Merck/MSD Research Lab., New Jersey, USA)

REGISTRATION

**Advance Registration Deadline: October 19, 2018**

Visit the official website (http://precisionmedicine2018.aacr.asia) to register online.

**Registration Fees**

<table>
<thead>
<tr>
<th>Category</th>
<th>Domestic Participants</th>
<th>Overseas Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Advance</td>
<td>Onsite</td>
</tr>
<tr>
<td>AACR/KCA Member</td>
<td>KRW 300,000</td>
<td>KRW 400,000</td>
</tr>
<tr>
<td>Non-member</td>
<td>KRW 400,000</td>
<td>KRW 500,000</td>
</tr>
<tr>
<td>Student/Trainee</td>
<td>KRW 150,000</td>
<td>KRW 200,000</td>
</tr>
<tr>
<td>Spouse/Guest</td>
<td>KRW 200,000</td>
<td></td>
</tr>
</tbody>
</table>

* If you register as a student or a trainee, please submit a proof of status issued within 6 months of the registration.

**Cancellation & Refund**

Please notify the secretariat in writing to request a refund and cancel your registration before October 19. Thereafter, cancellation and refund are not allowed.

평점 안내

※ 대한의사협회 평점 : 최대 18점 (6점/일) / 전공의 스티커 : 1장 (2점)

※ 부분평점 인정기준 (1일 기준)

- 2시간 초과 ~ 3시간 이하 3평점
- 3시간 초과 ~ 4시간 이하 4평점
- 4시간 초과 ~ 5시간 이하 5평점
- 5시간 초과 6평점

※ 출결관리가 강화되어 교육 수강 시작 전, 수강 종료 후 두 번의 출석 확인이 되지 않는 경우 평점 부여가 되지 않으니 이 점 유의해 주시기 바랍니다.