

# 11<sup>th</sup> Asan International Digestive Disease Symposium 2018

# AIDDS 2018

**New Frontiers in the Genomics Research  
for Liver Cancer**

► 09:00 ~ 15:40, **December 7<sup>th</sup>** (Fri), 2018  
Auditorium, B1 Floor, Asan Institute for Life Sciences Building, Asan Medical Center



09:00-09:20 Registration & Greetings & Opening Remarks

09:20-09:25 Welcome Remarks

Dong Wan Seo (Asan Medical Center)

09:25-09:30 Opening Remarks

Han Chu Lee (Asan Medical Center)

## Recent Updates in Liver Cancer Genomics (I)

Chairmen: Gi-Won Song (Asan Medical Center), Kang Mo Kim (Asan Medical Center)

09:30-09:50 Genomic characterization of HBV-related liver cancers

Ju Hyun Shim (Asan Medical Center)

09:50-10:20 Mutational processes molding HCC genomes: relationship with cancer driver genes and risk factors

Eric Letouzé (INSERM)

10:20-10:35 Question & Answer

10:35-11:00 *Coffee Break*

## Recent Updates in Liver Cancer Genomics (II)

Chairmen: Jin Mo Yang (St. Vincent's Hospital), Han Chu Lee (Asan Medical Center)

11:00-11:30 Genomics of liver tumors: How to translate in clinical practice?

Jessica Zucman-Rossi (INSERM)

11:30-12:00 Single-cell sequencing for understanding tumor heterogeneity and evolution

Semin Lee (Ulsan National Institute of Science and Technology)

12:00-12:15 Question & Answer

12:15-14:00 *Lunch time & Group Photo*

## Recent Updates in Materials and Methods for Cancer Research

Chairmen: Moon Seok Choi (Samsung Medical Center), Young-Suk Lim (Asan Medical Center)

14:00-14:25 Circulating tumor DNA assays in clinical research and practice

Eun Hae Cho (Green Cross Genome)

14:25-14:50 Artificial intelligence applications in cancer research

Namkug Kim (Asan Medical Center)

14:50-15:15 Predicting clinical benefit of immunotherapy by antigenic or functional mutations affecting tumor immunogenicity

Kwoneel Kim (Kyung Hee Univ.)

15:15-15:40 Public data and open source tools for cancer genomics research

Chang Ohk Sung (Asan Medical Center)

15:40- *Closing Remarks*

Han Chu Lee (Asan Medical Center)



**ASAN**  
Medical Center  
Department of Gastroenterology