

# Program at glance

**Thursday, November 7<sup>th</sup>, 2019**

## REGISTRATION

**08:30-** Auditorium, Hanyang Institute of Technology (HIT) center, Registration

## Opening & Welcome address

**08:50-9:00** **Opening remark**  
Chae-Ok Yun, Ph.D. (Chair of Conference Organizer, Hanyang University)  
**Welcome address**  
Woo-Seung Kim, Ph.D. (President, Hanyang University)  
**Welcome address**  
Sung-Kwon Park, Ph.D. (Dean, College of Engineering, Hanyang University)

## AM SESSION I: Nonviral Vector-mediated Gene Therapy I Chair :

**09:00-09:40** **Polymeric Gene Delivery Systems-Recent Progress**  
**Plenary session** Sungwan Kim, Ph.D. (University of Utah, USA)

**09:40-10:10** **TBA**  
TBA

**10:10-10:40** **Drug-loaded polymeric nanoparticles for gene and cell therapy**  
Won Jong Kim, Ph.D. (Institute for Basic Science (IBS), Korea)

**10:40-11:00** **Coffee & Poster Viewing**

## AM SESSION II: Immunotherapy, Vaccination strategies Chair :

**11:00-11:30** **Cells, Genes, and Peptides for active immune therapy of cancer**  
Farzin Farzaneh, Ph.D. (King's College London, UK)

**11:30-12:00** **Therapeutic Vaccines for Hypertension and life style related diseases**  
Hironori Nakagami, M.D., Ph.D. (Osaka University, Japan)

**12:00-12:20** **A personalised iPSC-derived whole tumor cell vaccine evokes effective immunoreaction for prevention of lung cancer development**  
**Oral Presentation** Zhe Zhang (Zhengzhou University, China)

**12:30-13:00** **LUNCHEON SEMINAR**  
**Development of fluorescent dyes and labeling methods for biomolecules**  
(BioActs, Korea)

**13:00-13:30** **Lunch provided**

## PM SESSION I: Oncolytic Virotherapy I Chair :

**13:30-14:00** **New strategies of improving intravenous delivery of oncolytic vaccinia virus for cancer treatment**  
Yaohe Wang, M.D., Ph.D. (Queen Mary University of London, England)

**14:00-14:30** **Evolving lessons on nanomaterial-coated viral vectors for local and systemic gene therapy**  
Chae-Ok Yun, Ph.D. (Hanyang University, GeneMedicine Inc., Korea)

**14:30-15:00** **GMP manufacture of oncolytic viral vectors**  
Min Liang, Ph.D. (Genesail Inc, China)

**15:00-15:20** **A Virus-Infected, Reprogrammed Somatic cell-derived Tumor cell (VIREST) regime can prevent initiation and progression of pancreatic cancer**  
**Oral Presentation** Shuangshuang Lu, Ph.D. (Zhengzhou University, China)

**15:20-15:50** **Coffee & Poster Viewing**

## PM SESSION II: Cell Therapy Chair :

**15:50-16:20** **Allogenic Single Cell derived Clonal Mesenchymal Stem Cell's Clinical Application**  
Byung-Geon Rhee, Ph.D. (SCM Lifescience Inc., Korea)

**16:20-16:50** **Discovery of a novel NK cell platform for adoptive cancer immunotherapy with chimeric antigen receptors**  
Sae Won Kim, Ph.D. (SL Bigen, Inc., Korea)

**16:50-17:20** **TBA**  
Xiao-Song Zhong, MD., Ph.D. (Beijing Shijitan Hospital, China)

## Friday, November 8<sup>th</sup>, 2019

AM SESSION I:	Oncolytic Virotherapy II	Chair :
09:00-09:40	<b>Clinical development of oncolytic herpes virus G47 <math>\Delta</math></b> Tomoki Todo, MD, Ph.D. (Tokyo University, Japan)	
<b>Plenary session</b>		
09:40-10:10	<b>Molecular mechanism of new targeting is explored in colon rectal carcinoma</b> Wenlin Huang, MD. (Guangzhou Double Bioproducts Inc, Guangzhou, Guangdong, China )	
10:10-10:40	<b>Antitumor predictive factors associated with oncolytic virus C-REV (formally HF10)</b> Hideki Kasuya, MD, Ph.D. (Nagoya University Graduate School of Medicine, Japan)	
10:40-11:00	<b>Coffee &amp; Poster Viewing</b>	

AM SESSION II:	Clinical Development of Gene Therapy	Chair :
11:00-11:30	<b>Collategen, HGF Plasmid DNA, as first approved gene therapy drug to treat cardiovascular diseases</b> Ryuichi Morishita, M.D., Ph.D. (Osaka University, Japan)	
11:30-12:00	<b>Phase I clinical study targeted for mesothelioma by intrapleural administration of adenoviruses expressing NK4 gene</b> Masatoshi Tagawa, M.D., Ph.D. (Chiba Cancer Center Research Institute , Japan)	
12:00-12:30	<b>Clinical applications of liquid biopsy and circulating tumor cells in cancer immunotherapy</b> Hankui Chen, Ph.D. (Cntrix GenoMed , Inc., China)	
12:40-13:10	<b>LUNCHEON SEMINAR</b> TBA	
13:10-13:30	<b>Lunch provided</b>	

PM SESSION I:	Gene Editing and Recent Technology	Chair :
13:30-14:00	<b>Elucidating a mechanism for RNA splicing driving human prostate cancer progression</b> Keisuke Nimura, Ph.D. (Osaka University, Japan)	
14:00-14:30	<b>Genome editing using CRISPR and its therapeutic application</b> Sangsu Bae, Ph.D. (Hanyang University, Korea)	
14:30-15:00	<b>PI3K/AKT-mediated Upregulation of WDR5 Promotes Colorectal Cancer Metastasis by Directly Targeting ZNF407</b> Xin Tan, Ph.D. (Sun Yat-sen Memorial Hospital, China)	
15:00-15:30	<b>TBA</b> TBA	
15:30-15:50	<b>Coffee &amp; Poster Viewing</b>	

PM SESSION II:	Nanomedicine	Chair :
15:50-16:20	<b>The cationic nanocarriers and their roles in the immune regulation</b> Xiawei Wei, Ph.D. (Sichuan University, China)	
16:20-16:50	<b>Polymeric micelle-based nanomedicines for treatment of cancer</b> Sa-Won Lee, Ph.D. (Samyang biopharma, Inc., Korea)	
16:50-17:20	<b>TBA</b> TBA	

### SPECIAL SESSION

17:20-17:50	<b>Molecular Therapy in Asia: challenges and opportunities</b> Robert M Frederickson, Ph.D., (Editor in Molecular Therapy, USA)
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### Poster Award & Closing Remark

17:50-18:00	<b>Poster Award</b> Chae-Ok Yun, Ph.D. (Chair of Conference Organizer), Won Jong Kim, Ph.D. (Co-chair of Conference Organizer)
18:00	<b>Closing Remark</b> Won Jong Kim , Ph.D. (Co-Chair of Conference Organizer)