

# Asia Pacific Consortium of Gene and Cell Therapy 2019

2019. 11. 7 (Thu) ~ 8 (Fri)

# Hanyang Institute of Technology (HIT) center(No.701),  
Hanyang University, 222 Wangsimni-ro, Seongdong-gu,  
Seoul 04763, Korea

- Chair : Chae-Ok Yun, Ph.D.
- Co-chair : Won Jong Kim, Ph.D.
- Co-Organizer



POSTECH

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

• Opening & Welcome address	
08:30	Registration
09:00~09:10	<ul style="list-style-type: none"><li>• Opening remark<ul style="list-style-type: none"><li>- Chae-Ok Yun, Ph.D. (Chair of Conference Organizer, Hanyang University)</li></ul></li><li>• Welcome address<ul style="list-style-type: none"><li>- Woo-Seung Kim, Ph.D. (President, Hanyang University)</li></ul></li><li>• Welcome address<ul style="list-style-type: none"><li>- Su Jae Lee, Ph.D. (Head, Industry-University Cooperation Foundation Hanyang University)</li></ul></li></ul>
• AM SESSION I : Immunotherapy, Vaccination Strategies Chair: Farzin Farzaneh	
09:10~09:40	<ul style="list-style-type: none"><li>• Cells, Genes, and Peptides for active immune therapy of cancer<ul style="list-style-type: none"><li>- Farzin Farzaneh, Ph.D. (King's College London, England)</li></ul></li></ul>
09:40~10:10	<ul style="list-style-type: none"><li>• Therapeutic Vaccines for Hypertension and life style related diseases<ul style="list-style-type: none"><li>- Hironori Nakagami, M.D., Ph.D. (Osaka University, Japan)</li></ul></li></ul>
10:10~10:30 Oral Presentation	<ul style="list-style-type: none"><li>• A personalised iPSC-derived whole tumor cell vaccine evokes effective immunoreaction for prevention of lung cancer development<ul style="list-style-type: none"><li>- Zhe Zhang Ph.D candidate. (Zhengzhou University, China)</li></ul></li></ul>
10:30~10:50	Coffee & Poster viewing
• AM SESSION II : Nonviral Vector-mediated Gene Therapy Chair: Jin-Ho Choy	
10:50~11:20	<ul style="list-style-type: none"><li>• Boron Delivery System for Neutron Capture Therapy<ul style="list-style-type: none"><li>- Hiroyuki Nakamura, Ph.D. (Tokyo Institute of Technology, Japan)</li></ul></li></ul>
11:20~11:50	<ul style="list-style-type: none"><li>• 10B-molecular bomb entrained 2D nanostealth targets tumor cells and tissues needing boron neutron capture therapy (BNCT)<ul style="list-style-type: none"><li>- Jin-Ho Choy, Ph.D. (Dankook University, Korea)</li></ul></li></ul>
11:50~12:20	<ul style="list-style-type: none"><li>• Drug-loaded polymeric nanoparticles for gene and cell therapy<ul style="list-style-type: none"><li>- Won Jong Kim, Ph.D. (POSTECH, Korea)</li></ul></li></ul>
12:20~12:40	<ul style="list-style-type: none"><li>* LUNCHEON SEMINAR</li><li>• Development of fluorescent dyes and labeling methods for biomolecules<ul style="list-style-type: none"><li>- BioActs, Korea</li></ul></li></ul>
12:40~13:30	Lunch provided
• PM SESSION I : Oncolytic Virotherapy Chair: Chae-Ok Yun	
13:30~14:00	<ul style="list-style-type: none"><li>• New strategies of improving intravenous delivery of oncolytic vaccinia virus for cancer treatment<ul style="list-style-type: none"><li>- Yaohe Wang, M.D., Ph.D. (Queen Mary University of London, England)</li></ul></li></ul>
14:00~14:30	<ul style="list-style-type: none"><li>• Evolving lessons on nanomaterial-coated viral vectors for local and systemic gene therapy<ul style="list-style-type: none"><li>- Chae-Ok Yun, Ph.D. (Hanyang University, GeneMedicine Inc., Korea)</li></ul></li></ul>
14:30~15:00	<ul style="list-style-type: none"><li>• Novel oncolytic vaccinia virus which expressing anti-PD1 and anti-CD137 Monoclonal Antibodies and its anti-cancer effect<ul style="list-style-type: none"><li>- Min Liang, Ph.D. (Shanghai University, China)</li></ul></li></ul>
15:00~15:30	<ul style="list-style-type: none"><li>• Next-generation oncolytic vaccinia virus vectors for cancer virotherapy<ul style="list-style-type: none"><li>- Takafumi Nakamura, Ph.D. (Tottori University, Japan)</li></ul></li></ul>
15:30~15:50	Coffee & Poster viewing
• PM SESSION II : Cell Therapy Chair: Byung-Geon Rhee	
15:50~16:20	<ul style="list-style-type: none"><li>• Allogenic Single Cell derived Clonal Mesenchymal Stem Cell's Clinical Applicationeases<ul style="list-style-type: none"><li>- Byung-Geon Rhee, Ph.D. (SCM Lifescience Inc., Korea)</li></ul></li></ul>
16:20~16:50	<ul style="list-style-type: none"><li>• Discovery of a novel NK cell platform for adoptive cancer immunotherapy with chimeric antigen receptors<ul style="list-style-type: none"><li>- Sae Won Kim, Ph.D. (SL Bigen, Inc., Korea)</li></ul></li></ul>
16:50~17:20	<ul style="list-style-type: none"><li>• Relapsed/Refractory Cancer Patients were Treated with Tumor-Specific T Cells<ul style="list-style-type: none"><li>- Xiao-Song Zhong, M.D., Ph.D. (Beijing Shijitan Hospital, China)</li></ul></li></ul>
18:00~20:00	Welcome reception

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

• AM SESSION I : Oncolytic Virotherapy II Chair: Hideki Kasuya	
09:00~09:40 Plenary Session	<ul style="list-style-type: none"><li>• Phase II clinical results of oncolytic herpes virus G47 Δ<ul style="list-style-type: none"><li>- Tomoki Todo, M.D., Ph.D. (Tokyo University, Japan)</li></ul></li></ul>
09:40~10:10	<ul style="list-style-type: none"><li>• Molecular mechanism of new targeting is explored in colon rectal carcinoma<ul style="list-style-type: none"><li>- Wenlin Huang, M.D. (Guangzhou Double Bioproducts Inc, China )</li></ul></li></ul>
10:10~10:40	<ul style="list-style-type: none"><li>• Antitumor predictive factors associated with oncolytic virus C-REV (formally HF10)<ul style="list-style-type: none"><li>- Hideki Kasuya, M.D., Ph.D. (Nagoya University Graduate School of Medicine, Japan)</li></ul></li></ul>
10:40~11:00	Coffee & Poster viewing
• AM SESSION II : Clinical Development of Gene Therapy Chair: Paola Grandi	
11:00~11:30	<ul style="list-style-type: none"><li>• Collategen, HGF Plasmid DNA, as first approved gene therapy drug to treat cardiovascular diseases<ul style="list-style-type: none"><li>- Ryuichi Morishita, M.D., Ph.D. (Osaka University, Japan)</li></ul></li></ul>
11:30~12:00	<ul style="list-style-type: none"><li>• Phase I clinical study targeted for mesothelioma by intrapleural administration of adenoviruses expressing NK4 gene<ul style="list-style-type: none"><li>- Masatoshi Tagawa, M.D., Ph.D. (Chiba Cancer Center Research Institute, Japan)</li></ul></li></ul>
12:00~12:30	<ul style="list-style-type: none"><li>• CG0070, an Oncolytic Adenovirus, for BCG-Unresponsive Non-Muscle-Invasive Bladder Cancer (NMIBC): 12 Month Follow-Up from A Multicenter Phase II Trial<ul style="list-style-type: none"><li>- Paola Grandi, Ph.D. (Cold Genesys, Inc., USA)</li></ul></li></ul>
12:30~12:50	<ul style="list-style-type: none"><li>* LUNCHEON SEMINAR</li><li>- GeneMedicine Inc., Korea</li></ul>
12:50~13:30	Lunch provided
• PM SESSION I : Gene Editing and Recent Emerging Technology Chair: Keisuke Nimura	
13:30~14:00	<ul style="list-style-type: none"><li>• Elucidating a mechanism for RNA splicing driving human prostate cancer progression<ul style="list-style-type: none"><li>- Keisuke Nimura, Ph.D. (Osaka University, Japan)</li></ul></li></ul>
14:00~14:30	<ul style="list-style-type: none"><li>• Genome editing using CRISPR and its therapeutic application<ul style="list-style-type: none"><li>- Sangsu Bae, Ph.D. (Hanyang University, Korea)</li></ul></li></ul>
14:30~15:00	<ul style="list-style-type: none"><li>• PI3K/AKT-mediated Upregulation of WDR5 Promotes Colorectal Cancer Metastasis by Directly Targeting ZNF407<ul style="list-style-type: none"><li>- Xin Tan, Ph.D. (Sun Yat-sen Memorial Hospital, China)</li></ul></li></ul>
15:00~15:20 Oral Presentation	<ul style="list-style-type: none"><li>• A Virus-Infected, Reprogrammed Somatic cell-derived Tumor cell (ViReST) regime can prevent initiation and progression of pancreatic cancer<ul style="list-style-type: none"><li>- Shuangshuang Lu, Ph.D. (Zhengzhou University, China)</li></ul></li></ul>
15:20~15:40	Coffee & Poster viewing
• PM SESSION II : Nanomedicine Chair: Won Jong Kim	
15:40~16:10	<ul style="list-style-type: none"><li>• The cationic nanocarriers and their roles in the immune regulation<ul style="list-style-type: none"><li>- Xiawei Wei, Ph.D. (Sichuan University, China)</li></ul></li></ul>
16:10~16:40	<ul style="list-style-type: none"><li>• Polymeric micelle-based nanomedicines for treatment of cancer<ul style="list-style-type: none"><li>- Sa-Won Lee, Ph.D. (Samyang Biopharma Inc., Korea)</li></ul></li></ul>
16:40~17:10 Oral Presentation	<ul style="list-style-type: none"><li>• Nano or cell carrier mediates efficient systemic delivery of oncolytic adenovirus for cancer treatment<ul style="list-style-type: none"><li>- Arum Yoon, Ph.D. (Hanyang University, Korea)</li></ul></li></ul>
• SPECIAL SESSION	
17:10~17:40	<ul style="list-style-type: none"><li>• Molecular Therapy in Asia: challenges and opportunities<ul style="list-style-type: none"><li>- Robert M Frederickson, Ph.D. (Editor in Molecular Therapy, USA)</li></ul></li></ul>
• POSTER AWARD & CLOSING REMARK	
17:40~17:50	<ul style="list-style-type: none"><li>• Poster Award<ul style="list-style-type: none"><li>- Chae-Ok Yun, Ph.D. (Chair of Conference Organizer),</li><li>- Won Jong Kim, Ph.D. (Co-chair of Conference Organizer)</li></ul></li></ul>
17:50~18:00	<ul style="list-style-type: none"><li>• Closing Remark<ul style="list-style-type: none"><li>- Robert M Frederickson, Ph.D. (Editor in Molecular Therapy, USA)</li></ul></li></ul>
18:30~	Banquet

Sponsorship



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