

## The 3rd Korea-Japan International Symposium for Transposable Elements The 8th Chromosome and transposable elements joint symposium

### Venue

Sungsan-gwan, Kosin University College of Medicine  
262 Gamcheon-ro, Seo-gu, Busan 49267, S Korea



**Date:** May 13, 2019

### PROGRAM

May 12            18:00 ~ 20:00 Welcome dinner for Japanese Researcher  
(Pick up at 17:30 at Toyoko Inn Busan Station No.1)

May 13

09:30 – 10:00            Registration and Guidance

10:00 – 10:20            Opening Address: Hee-Jae Cha (Professor, Kosin University College of  
Medicine)

Welcome Speech (To be determined later)

Session I

Chairman: Fumitoshi Ishino (Professor, Tokyo Medical and Dental University)

10:20 – 10:45            Kyudong Han (Professor, Dankook University)

A comprehensive analysis of chimpanzee (*Pan troglodytes*)-specific  
LINE-1 Retrotransposons

10:45 – 11:10            Heui-Soo Kim (Professor, Pusan National University)

MicroRNA Derived from the Long Terminal Repeat of Endogenous

Retrovirus in the Olive Flounder

- 11:10 – 11:35 Tae-Jin Yang (Professor, Seoul National University)  
Genome evolution and major TE families in the genus Panax
- 11:35 – 13:00 Lunch and Coffee Break

Session II

Chairman: Heui-Soo Kim (Professor, Pusan National University)

- 13:00 – 13:30 Kenji Ichiyanagi (Professor, Nagoya University)  
Expression, DNA methylation, and the activity of chromatin boundary formation of mouse short interspersed repeats (SINEs).
- 13:30 – 14:00 So Nakagawa (Associate Professor, Tokai University School of Medicine)  
Genome-wide comparative analysis of mammalian transposable elements that code for viral-like proteins
- 14:00 – 14:30 Tomoyuki Honda (Associate Professor, Osaka University Graduate School of Medicine)  
Gamma herpesviruses enhance retrotransposition of long interspersed element-1
- 14:30 – 15:00 Yasuo Ariumi (Associate professor, Kumamoto University)  
Host and viral factors restrict L1 retrotransposition
- 15:00 – 15:30 Coffee Break

Session III

Chairman: Hyun Hee Kim (Professor, Sahmyook University)

- 15:30 – 15:55 Ki-Sung Go (Professor, Chung-Ang University, College of Medicine)  
Expression and glycomodification of recombinant therapeutic vaccines in plant
- 15:55 – 16:20 Jin Hoe Huh (Associate Professor, Seoul National University)
- 16:20 – 16:50 Junna Kawasaki (PhD Student, Kyoto University)  
Comprehensive identification of endogenous bornavirus-like elements reshaped the long-term evolutionary history of bornaviruses
- 16:50 – 17:20 Fumitoshi Ishino (Professor, Tokyo Medical and Dental University)  
A perspective on mammalian evolution from a viewpoint of

- “gene domestication” from LTR retrotransposons
- 17:20 – 17:45 Hee-Jae Cha (Professor, Kosin University College of Medicine)  
Functional Analysis of human endogenous retrovirus (HERV)-K Env in cancer progression
- 18:00 – 20:00 Dinner Banquet (Mijo Sashimi restaurant)

May 14 Conference for chromosome research (Optional)

- 10:00 – 10:30 Registration and Guidance
- Session IV
- Chairman: Tae-Jin Yang (Professor, Seoul National University)
- 10:30 – 10:55 Hyun Hee Kim (Professor, Sahmyook University)  
Distribution of Transposable Elements in Panax ginseng genome revealed by FISH using Pre-labelled Oligonucleotide Probes Developed from Whole Genome NGS Sequences
- 10:55 – 11:20 Jin Yeong Han (Professor, Dong-A University College of Medicine)  
Chromosome Analysis in Modern Clinical Laboratory Era
- 11:20 – 11:45 Soon-Chun Jeong (Senior researcher, Korea Research Institute of Bioscience and Biotechnology)
- Closing Remark Hyun Hee Kim (Professor, Sahmyook University)

**Recommended accommodation**

Toyoko Inn Busan Station No.1  
<https://www.toyoko-inn.com/eng/search/detail/00194/>