

SBJ Web Symposium 2020: (WS9) International progress in microbiology  
by next-generation leaders in Asia | 1

- **Organizers:** Yuichi Koga (Osaka University), Tamotsu Kanai (Kyoto University)
- **Date:** September 3, 2020 13:00–15:00
- **Room:** B

The value of microbial resources is being reconsidered due to the development of next-generation sequencing and IT technologies. Inviting next-generation researchers who will take the leadership in the fields of Asian microbiology, we will discuss utilization of culture collections that have unique microbial resources of the Asian region, international cooperation, and human resource education. We will also consider the international activities that SBJ can carry out.

## Program

- 13:00  
Opening remarks …… **Yuichi Koga** (Graduate School of Engineering, Osaka University)  

Moderator: Tamotsu Kanai
- 13:03 (WS9-B01)  
Research and development of archaea/extremophiles in RIKEN-JCM  
…… **Shingo Kato** (RIKEN Japan Collection of Microorganisms (JCM))
- 13:23 (WS9-B02)  
Vietnam Type Culture Collection (VTCC) and international cooperation on utilization of microbial bioresource (mBRC)  
…… **Nguyen Hong Minh**  
(Institute of Microbiology and Biotechnology, Vietnam National University, Hanoi)  

Moderator: Yuichi Koga
- 13:43 (WS9-B03)  
Surveillance and genotyping of extended-spectrum  $\beta$ -lactamases (ESBL) among members of the family Enterobacteriaceae from different hospitals and environmental samples in the Philippines  
…… **Joel C. Cornista**  
(Department of Biology, College of Arts and Sciences, University of the Philippines Manila)
- 14:03 (WS9-B04)  
International trends in microbiome research and the role of Biological Resource Center (NBRC)  
…… **Takamasa Miura**  
(NITE Biological Resource Center, National Institute of Technology and Evaluation)
- 14:23 Break  

Moderator: Kazuhito Fujiyama

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- 14:28 (WS9-B05)  
Systematically investigate the binding behavior of CRISPR-Cas9 system with high-throughput profiling method  
…… **Chong Zhang\*** (Tsinghua University, China) ⇒ [Profile](#)  
**\*Winner of the Young Asian Biotechnologist Prize 2020**
- 14:43 (WS9-B06)  
River Water Pollution Monitoring and Assessment Using Bacterial Indicator  
…… **Norhayati Ramli\*** (Universiti Putra Malaysia, Malaysia) ⇒ [Profile](#)  
**\*Winner of the DaSilva Award 2020**
- 14:58  
Closing remarks …… **Tamotsu Kanai** (Graduate School of Engineering, Kyoto University)

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