

June 11th, 2024,
Tuesday

14:00-15:00

The 69th
AJI Frontier Seminar

Presentation:

Dr. **WANG Rongxuan**Senior Researcher, Ritsumeikan Asia-Japan
Research Organization, Ritsumeikan University

Removal Performance and Mechanism of Antimicrobial Resistance Genes and Viruses by the Membrane Bioreactor Process

Viruses and antibiotic resistant genes (ARGs) are posing a potential risk to public health since they are spread in aquatic environments. Particularly, the removal of extracellular the antibiotic resistance gene (eARG) and SARS-CoV-2 is quite limited in conventional activated sludge (CAS) processes. In this study, MBR has better performance for the removal of eARG and viruses than conventional processes.

Registration<http://tinyurl.com/27mdmpwy>

Moderator:

Dr. **NGUYEN Thi Thuong**Senior Researcher, Ritsumeikan Asia-Japan
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