

Research & Innovation Forum

Ms. Minjoung Jo, SCIENION/ Cellenion



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10:00 am – 12:00 pm
(GMT+8)



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Single Cell Sorting and Isolation Using Image-Based Dispensing Technologies and Its Applications

Abstract

This webinar will introduce image-based dispensing technologies, starting with technology descriptions and associated performances, and an overview of the main applications will be provided as below:

- Automated cell line development for drug discovery
- Sensitive single cell transcriptomic and proteomic analyses

Biodata

Minjoung Jo received her master's degree in Life Sciences from Pohang University of Science and Technology in 2006. After graduation, she worked as an assistant professor at Kyungpook National University's College of Dentistry to conduct research on the differentiation and proliferation of oral cells, and conducted research on the development of a lab-on-a-chip system for diagnosis using aptamers as diagnostic markers at Department of Biomedical Engineering at Dongguk University. After that, she joined PCL, which is spin-off company from Dongguk University, as a founding member, and worked as a researcher and a director of the research institute to develop a simultaneous diagnostic reagent for high-risk viruses. Since joining SCIENION in 2015, she has been in charge of technical and application support in the Asian region for non-contact microarray equipment and single-cell and organoid sorting and dispensing equipment.

Moderated by

Dr Alan Tan Sang Loon
Senior Research Fellow
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