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KSEA Distinguished Guest Series

Organ-on-a-Chip Technologies for Disease Modeling and Space Biology

Thursday, June 15th, 2023 (virtual)

5:30-6:30 PM (PT), 8:30-9:30 PM (ET)

[Zoom Link](#)

In this talk, I will introduce human microphysiological systems integrated with biosensors and/or actuators for disease modeling, drug development, and space biology applications. Using multi-scale biofabrication techniques in combination with patient-derived organotypic culture models, I will highlight how our biomimetic models help to gain a better understanding of the structure-function relationship in complex 3D tissues and serve as emerging platforms for disease biology studies and biotherapeutic development.

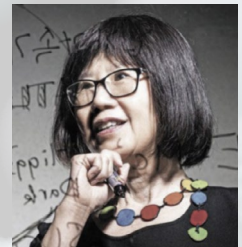
Speaker



Deok-Ho Kim

*Professor of Biomedical
Engineering
Johns Hopkins University*

Host



Young-Kee Kim

*Professor
University of Chicago
KSEA President*