

The 3rd

Annual Meeting of the Organoid Society

“COVID-19 on Organoids”

Date

2020. 10. 29. Thu

Venue

Seoul National University, HOAM FACULTY HOUSE



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Time	Room A	Room B
08:30	Registration	
08:50-09:00	Opening Remarks	
09:00-09:45	Organoid Architecture	
	Pleenary Lecture	
	iPSC-based Organoids Microphysiological Analysis Platform (MAP) on CHIP <i>Luke P Lee (Harvard Medical School, USA)</i>	
10:00-12:00	SARS-CoV-2 on Organoids	
	Keynote Lecture	
	Organoids to study COVID-19 <i>Josef M Penninger (University of British Columbia, University of Vienna, Austria)</i>	
	Generation of bronchial organoids for COVID-19 research <i>Kazuo Takayama (Kyoto University, Japan)</i>	
	COVID19-spillover infection of coronavirus and application history of coronavirus vaccine in various species <i>Dae-Sub Song (Korea University, Korea)</i>	
12:00-13:00	Lunch Time	
13:00-15:00	Organoid Technology	Organoid Application sponsored by KIT (Korea Institute of Toxicology)
	Genome editing using CRISPR <i>Sangsu Bae (Hanyang University, Korea)</i>	Establishment of next-generation pharmacotoxicity using iPSC-derived neuron and cardiomyocyte <i>C-yoon Kim (Konkuk University, Korea)</i>
	Decellularized Extracellular Matrix as a Bioink for Engineering Human Tissues <i>Jinah Jang (POSTECH, Korea)</i>	Integrative analysis of epigenetic features in 3D organoid <i>Tae-Young Roh (POSTECH, Korea)</i>
	Expandable and Functional Human Pluripotent Stem Cell-Derived Hepatic Organoids <i>Myung Jin Son (KRIBB, Korea)</i>	Human stem cell based organ on chips for drug toxicity test <i>Sungho Ko (CHA University, Korea)</i>
	W-SAS; Web based in silico organ-Similarity Analytics System for hPSC-derived organoids <i>Hyun-Soo Cho (KRIBB, Korea)</i>	Tissue clearing application for organoids <i>SunHyun Park (KIT, Korea)</i>
15:00-15:20	Coffee and Refreshment	
	KOS Research Awards Ceremony	
15:20-17:10	Organoids in Disease modeling	
	Modeling of atopic dermatitis using human skin organoid at air liquid interface <i>Kyung-Sun Kang (Seoul National University, Korea)</i>	
	Modeling the pathogenic cascade of Alzheimer's disease in 3D human neural cell culture systems <i>Doo Yeon Kim (Harvard Medical School, USA)</i>	
	Use of human brain organoids to study human brain developmental disorders <i>In-Hyun Park (Yale University, USA)</i>	
17:10-17:30	KOS Poster Awards Ceremony	
	Closing Remarks	