JUNE 27th 2023				
Poster board number	**Abstract ID**	**Presentation time**	**Presenter name**	**Title**
1	4	10:00-11:30 am	Taci Pereira	h-VIOS: A novel human organ-on-a-chip platform using vascularized biomaterials
2	5	4:30 - 6:00 pm	Ying Betty Li	Angiogenesis driven extracellular matrix remodeling of 3D bioprinted vascular networks for in vitro therapeutic testing
3	7	10:00-11:30 am	francois busquet	Fun with NAMs
4	8	4:30 - 6:00 pm	Tracey Hurrell	Altering cell fate transitions of human iPSCs during hepatic lineage specification
5	11	10:00-11:30 am	Silvia scaglione	A human multi-organ and dynamic in vitro model for simultaneous and more predictive toxo-efficacy assays
6	12	4:30 - 6:00 pm	Karol Kugiejko	3D Vessel-Gut-on-Chip Platform Investigating Interactions between Immunological System and Tumoral Tissue Remodelling and Angiogenesis
7	15	10:00-11:30 am	Leandro Gallo	Utilizing microphysiological systems to model major hallmarks of Amyloid β-driven neuronal aging and assess drug applications in Alzheimer's Disease
8	16	4:30 - 6:00 pm	Martina Benedetti	Eye damage reversibility in an in vitro model of bovine cornea to replace the Draize test completely.
9	19	10:00-11:30 am	Nikita Karra	Development of a Brain on a Chip to Evaluate Compounds for the Treatment of Parkinson's Disease
10	20	4:30 - 6:00 pm	Melis Asal	In Vitro Intestine Models with In Vivo Like Barrier Properties For Multi OoC Models
11	21	10:00-11:30 am	Jos Olijve	Endotoxin contamination alters macrophage-cancer cell interaction and therapeutic efficacy in pre-clinical 3D in vitro models
12	22	4:30 - 6:00 pm	Amy W.A. Lucassen	Ototoxic effects of cisplatin and gentamicin in human inner ear organoids and human adult vestibular organs
13	23	10:00-11:30 am	Iman van den Bout	ESTABLISHING A BREAST CANCER ORGANOID PANEL TO ASSESS DRUG RESPONSE IN AN UNDERSERVED SOUTH AFRICAN PATIENT POPULATION
14	24	4:30 - 6:00 pm	Hélène Gautier	Traumatic Nerve Injury Models for Drug Development
15	25	10:00-11:30 am	Melissa Dibbernn Ganzerla	Comparison of In vitro oral and topic absorption toxicity of BPA and BPS using 3D cell cultures and microfluidic systems.
16	26	4:30 - 6:00 pm	Fstemeh Mirzapour-Shafiyi	Biofabrication of long-lasting perfusable human vascular tissue on chip; To investigate effect of fluid flow on vessel remodeling
17	27	10:00-11:30 am	Viraj Mehta	3D printed microphysiological systems for 3D tumor culture, personalized anti-tumor drug screening, and tumor metastasis
18	28	4:30 - 6:00 pm	Jianbo Zhang	Immune-competent gut microphysiological system for host-microbe-immune interactions
19	29	10:00-11:30 am	Margot Bellenguez	A skin-on-a-chip microfluidic platform to investigate neurovascular interplays in rosacea
20	30	4:30 - 6:00 pm	Matthias Gossmann	Assessment of a Smooth Muscle Cell Maturation Protocol for the Analysis of Contractile Properties
21	31	10:00-11:30 am	Chrisna Gouws	Establishing chemosensitive and drug resistant small cell lung cancer mini-tumor models using dynamic spheroid cultures
22	32	4:30 - 6:00 pm	Andrew Morrison	Generation of 3D human lymph node organoids to study immune responses in multi-organ-on-chip models
23	33	10:00-11:30 am	Elisabetta Michielon	Development of an in vitro3D endothelialised-Skin-on-Chip model for toxicology testing and immune cell trafficking
24	34	4:30 - 6:00 pm	Sushma M. Bhosle	Modeling Nipah virus infection and treatment in a microfluidic lung-chip in maximum containment
25	35	10:00-11:30 am	Olivier UWISHEMA	Microphysiological Systems: An emerging model for Cancer Research
26	36	4:30 - 6:00 pm	Kosuke Harada	Assay development of novel high-throughput in vitro assay system using Microvascular-on-a-chip for the evaluation of oligonucleotide-induced platelet aggregation potential
27	37	10:00-11:30 am	Elisa Cauli	Development and functional characterization of a microphysiological system for assessing in vitro drug toxicity and metabolism in the hepatobiliary environment
28	39	4:30 - 6:00 pm	Lekha Shah	3D in-vitro breast models to understand the role of stiffness on breast cancer cell stemness and bone metastasis
29	40	10:00-11:30 am	Moencopi BERNHEIM-DENNERY	A 3D colon on chip to study the peristalsis influence on the cellular ecosystem in physiopathological conditions
30	41	4:30 - 6:00 pm	Elsa Batista	The importance of traceability in dimensional metrology in microfluidic systems
31	44	10:00-11:30 am	Rodi ABDALKADER	The development of a microphysiological system of the human corneal epithelium under dry eye-like conditions
32	45	4:30 - 6:00 pm	Leonie Hillebrands	In vitro metabolism of the 14C-labelled fungicide tebuconazole by rat liver organ-model
33	48	10:00-11:30 am	Daphne Panocha	Culture of human lymph node fibroblastic reticular cells in different 3D biomaterials to mimic the lymph node T cell zone
34	49	4:30 - 6:00 pm	Jonas Jäger	Engineering Metabolically Active Reconstructed Human Skin for Organ-on-Chip
35	50	10:00-11:30 am	Guy Barbin Barbin	Novel fully primary human airway epithelium-alveolar macrophages in vitro co-cultures models to study host pathogen interactions
36	51	4:30 - 6:00 pm	Xiao-Yann Huang	Development of fully primary human 3D alveolar model (AlveolAir™)
37	53	10:00-11:30 am	Federico Nebuloni	Assaying axonal damage and repair using microfluidics with fluid walls
38	54	4:30 - 6:00 pm	Daria Sokoliuk	Fabrication of 3D microstructures within a perfusable vasculature-on-a-chip system using two-photon polymerization
39	55	10:00-11:30 am	Marine Meyer	Modeling inflammatory bowel disease in human intestinal organoids using a high-throughput workflow
40	56	4:30 - 6:00 pm	Maria Clapés	A novel approach for label-free drug efficacy analyses of pancreatic cancer organoids using high-content imaging
41	57	10:00-11:30 am	Joel Blanchard	The multi-cellular integrated human brain(miBrain) to predict, understand, and treat neurodegenerative disease
42	58	4:30 - 6:00 pm	Chrusanthi-Maria Moysidou	e-Transmembranes: Bioelectronics and bioengineering synergy to investigate host-microbiome interactions in vitro
43	59	10:00-11:30 am	Jan Powell	Exploring the pathogenesis of Campylobacter jejuni using a Caco-2 intestinal organ-on-a-chip
44	60	4:30 - 6:00 pm	Charlotte Bouquerel	Precise control of oxygen in a tumor-on-chip model to study drug resistance
45	62	10:00-11:30 am	Andrea Mainardi	Modeling the joint on a chip: a mechanically active microfluidic system to engineer 3D multi-layer osteochondral tissues and investigate osteoarthritis processes to a single cell level
46	63	4:30 - 6:00 pm	Bettina Lickiss	Robustness study of commercial human iPSC-derived cardiomyocytes regarding contractile properties
47	64	10:00-11:30 am	Benoît MAISONNEUVE	Automated Organ-on-Chips for reducing intralaboratory cell culture variability
48	65	4:30 - 6:00 pm	Florian Larramendy	Functional skin-on-a-chip, a relevant in-vitro platform to replace animal models in drug and cosmetic development
49	66	10:00-11:30 am	Serge Roux	Versatile organ-on-a-chip model allowing air-liquid interface and blood barrier
50	67	4:30 - 6:00 pm	Sina Bartfeld	Human gastric organoids reveal Helicobacter pylori tropism to differentiated pit cells dependent on chemotaxis
51	68	10:00-11:30 am	Sina Bartfeld	Human gastrointestinal organoids show patterning of innate immune signalling along the cephalocaudal axis.
52	69	4:30 - 6:00 pm	Yashoda Chandorkar	Towards a dynamic in vitro model of the intestine using smart hydrogels
53	70	10:00-11:30 am	Chloe Whitehouse	Developing a scaffold-based model of neurodegeneration for drug discovery using 3D bioprinting
54	72	4:30 - 6:00 pm	Aline Roch	Assessing efficacy of combination therapies in human colorectal cancer organoids using a standardized screening workflow
55	74	10:00-11:30 am	Clémentine Richter	AN INFLAMED ALVEOLUS MODEL ON A BREATHING LUNG-ON-CHIP FOR INVESTIGATION OF HUMAN ANTI-INFLAMMATORY DRUG RESPONSE
56	75	4:30 - 6:00 pm	Mariana Guedes	A lentiviral reporter system for live imaging of cell differentiation and mucus production in human lung organoids
57	78	10:00-11:30 am	Daiju Yamazaki	Culture medium study for construction of the cardiotoxicity evaluation system via hepatic metabolism
58	80	4:30 - 6:00 pm	Núria Ginés Rodriguez	Miniaturized joint tissues and living microfluidics to study cartilage degenerative diseases (MINI-JOINT)
59	81	10:00-11:30 am	Eleonora De Vitis	iPSCs-derived microphysiological system for the study of Amyotrophic Lateral Sclerosisin vitro
60	83	4:30 - 6:00 pm	Huub Weener	Identifying a common endothelial medium to connect organs-on-chips for CAR-T safety testing
61	84	10:00-11:30 am	Victoria Palasantzas	Utilization of multicellular liver-on-chip to study non-alcohol-related fatty liver disease.
62	86	4:30 - 6:00 pm	Lorenzo Coppadoro	Design, development and validation of TToP -True Tissue on Platform: a modular, versatile MicroPhysiological platform for compartmentalized cultures of tissue barriers.
63	87	10:00-11:30 am	Aakash Patel	Establishment of a Fully Human iPSC-Derived Model of Peripheral Myelination
64	88	4:30 - 6:00 pm	Octavio Presgrave	A PROPOSAL FOR VALIDATION OF MICRO-PHYSIOLOGICAL SYSTEMS
65	89	10:00-11:30 am	Steven George	An MPS CAR-T cell therapy model of the immunosuppressive solid tumor microenvironment
66	90	4:30 - 6:00 pm	John Connelly	Understanding dynamic immune responses within a 3D microfluidic model of human skin
67	91	10:00-11:30 am	Linda Droessler	CBD prevents TNF-induced barrier disturbance in intestinal epithelial cells
68	92	4:30 - 6:00 pm	Mark Rosowski	Bone marrow-on-a-chip: Emulation of the human endosteal and vascular hematopoietic stem cell niche
69	93	10:00-11:30 am	Pan Zuo	3D-Oxygen Gradient Chip for Cancer Cell Migration Research
70	94	4:30 - 6:00 pm	Carlos Pinzon-Arteaga	3D culture of blastocyst like structures derived from pluripotent stem cell cultures
71	95	10:00-11:30 am	Jennifer Rosowski	Emerging networks in Berlin: Charité 3R, Der Simulierte Mensch and Einstein Center 3R
72	96	4:30 - 6:00 pm	Julia Alber	Raman-on-Chip: A window for the marker-free observation of tumor-immune interactions
73	97	10:00-11:30 am	Julia Alber	Raman-on-Chip: A window for the marker-free observation of tumor-immune interactions
74	98	4:30 - 6:00 pm	Haley Ehlers	Modeling ischemic stroke in a triculture neurovascular unit on-a-chip
75	99	10:00-11:30 am	Flavio Bonanini	Automation and validation of the OrganoPlate LiverTox for hepatotoxicity detection
76	100	4:30 - 6:00 pm	Jens Kurreck	Bioprinting of Perfusable Organ Models for Disease Modelling
77	101	10:00-11:30 am	Paul Vulto	ALS-on-a-chip: Towards patient-derived models for personalized therapy development
78	102	4:30 - 6:00 pm	Federico Cantoni	Multi-hydrogel microvasculature by 2-photon polymerization and scaffold micromolding on-chip for perfusable cell co-culture
79	103	10:00-11:30 am	Dorota Kurek	3D microphysiological placenta in-vitro model as a tool for drug transport studies and risk assessment
80	104	4:30 - 6:00 pm	Savvina Chortarea	Understanding hemolysis-induced lung injury using an advanced preclinical in vitro model
81	105	10:00-11:30 am	Signe Olsen	Establishment of an in vitro 3D model of microvascular perfused cardiomyocytes
82	107	4:30 - 6:00 pm	Vinidhra Shankar	Automated high-content phenotypic screening and analysis platform to study pre- and post-implantation morphogenesis using stem cell-derived embryo models

83	108	10:00-11:30 am	Annie Hamel	A Novel Microfluid Liver-on-Chip Model: Application in Regulated Genotoxicity Testing
84	109	4:30 - 6:00 pm	Artur Christian Garcia da Silva	Development of a 3D bronchial model for application in microphysiologic systems containing recirculating neutrophils: in vitro assessment of respiratory sensitizers aerosols.
85	110	10:00-11:30 am	Kevin Bewley	Experimental infection of primary Hamster airway cells with SARS-CoV-2
86	112	4:30 - 6:00 pm	Bryan Schellberg	Noninvasive, in-situ bioluminescence sensing enables automated, real-time tracking of fluorophore concentration on-chip
87	113	10:00-11:30 am	John Cognetti	A photonic biosensor-integrated tissue chip platform for real-time sensing of secreted biomarkers
88	116	4:30 - 6:00 pm	Emanuel Behling	Microbiome characterization using marker-independent imaging for Organ-on-a-Chip applications
89	118	10:00-11:30 am	Evita Van de Steeg	A novel physiologically relevant tissue explant gut-on-a-chip model with an aerobic-anaerobic interface to study host-microbe interactions
90	120	4:30 - 6:00 pm	Behnam Amiri	Combining organ-on-a-chip and TK/TD modeling
91	121	10:00-11:30 am	Özlem Vural	Comparison of commercial NASH models as tools for pharmaceutical research and development
92	123	4:30 - 6:00 pm	Brad Hansen	Organotypic System for Modeling Developmental Toxicity in Testis
93	124	10:00-11:30 am	Natalia Hassan	Influence of protein corona formation onto gold nanoparticles in a dynamic regime by microfluidic devices
94	125	4:30 - 6:00 pm	Kevin Ling	Developing Perfusable Choriocapillaris for an Outer Retinal Blood Barrier-on-a-Chip
95	126	10:00-11:30 am	Ana Mora-Boza	Photopatterned synthetic hydrogels for perfusable gut-on-a-chip systems
96	127	4:30 - 6:00 pm	Hendrik Erfurth	Automation of Multi-Organ-Chip Assays
97	128	10:00-11:30 am	Yuji Nashimoto	Real-time monitoring of the effects of vasculature in a tumor microenvironment
98	130	4:30 - 6:00 pm	Dhimas Agung Kurniawan	Elucidating Normal Liver-Small Intestine Interactions in terms of Drug Metabolism using On-Chip Perfused and Direct Oxygenated MPS
99	131	10:00-11:30 am	Elisa Mohr	Utilizing human cardiac organoids as multipurpose tool to study cardiac pathophysiology in vitro
100	132	4:30 - 6:00 pm	Benoit Cox	A human multi-organ chip combining human liver and blood-brain barrier to predict drug pharmacokinetics and metabolite distribution
101	133	10:00-11:30 am	Mohammad Jouybar	Round lumen-based microfluidic devices for modelling cancer metastasis
102	134	4:30 - 6:00 pm	Sirjana Pun	A 3D-Bioprinted Microfluidic Model of Human Glioblastoma for Investigating Tumor Heterogeneity and Drug Resistance
103	135	10:00-11:30 am	Anke Tukker	Development of Electrochemical Sensors to Measure Glutamate Kinetics in Vitro
104	139	4:30 - 6:00 pm	Julio César Sánchez-Rendón	Apically applied shear stresses impact the rheotactic behavior, physical forces, and transcriptomic profile of three different endothelial cell types
105	140	10:00-11:30 am	Deborah Ramsey	Evaluation of Metastatic Tumor Migration and Invasion of Secondary Sites using a Vascularized Tumor-on-Chip Model
106	142	4:30 - 6:00 pm	Katherine Marshall	Modeling corticospinal tract pathophysiology with ALS iPSC-derived corticospinal motor neurons
107	143	10:00-11:30 am	Hyemin Kim	Human induced pluripotent stem cell-derived hepatic organoids as an alternative in vitro model for toxicity testing
108	144	4:30 - 6:00 pm	Moo-Yeal Lee	Pillar and Perfusion Plate Enhanced Cell Growth, Reproducibility, Throughput, and User Friendliness in Dynamic 3D Cell Culture
109	145	10:00-11:30 am	Masaya Hagiwara	Integration platform for organoids and organ-on-a-Chip by modularized technologies to control and sensing microenvironments with CUBE
110	147	4:30 - 6:00 pm	Xumei Gao	Multiplexed Superfusion System for Physiological Emulation: from Concept to Product
111	148	10:00-11:30 am	Matt Howes	HepG2 Cells as a Cell Model for Studying Acute Hepatotoxicity in The Emulate Organ Chip System
112	150	4:30 - 6:00 pm	Kendy Eduardo Urdaneta	Angiogenesis-on-chip: hiPSC-derived Endothelial cell-line dependent angiogenic responses.
113	151	10:00-11:30 am	Jasper Koning	Vascularization of multi-Organ-on-Chips with blood and lymphatic endothelial cells for the generation of immunocompetent skin models
114	152	4:30 - 6:00 pm	Ulgu Arslan	Vascularized hiPSC-derived 3D cardiac microtissue on chip
115	153	10:00-11:30 am	Maria Anna Chliara	Bioprinting in organ-on-chip for studying cancer metastasis in lymphatic vessels
116	154	4:30 - 6:00 pm	Behnam Amiri	A quantitative modeling workflow for the design, analysis, and interpretation of experimental studies in gut-liver organ-on-a-chip systems.
117	155	10:00-11:30 am	Laura D'Ignazio	Enabling next generation functional characterization of human neural organoids
118	156	4:30 - 6:00 pm	Sofia Gomez	Towards improving maturation of 3D muscle-like constructs using cyclic mechanical strain in a pneumatically actuated platform
119	158	10:00-11:30 am	Dennis M. Nahon	Enhanced vascular organization in a vessel-on-chip model containing hiPSC-derived astrocytes
120	159	4:30 - 6:00 pm	Chak Hon Luk	Engineering an Immunocompetent induced Pluripotent Stem Cell-derived Alveolus-on-Chip to model Infection
121	160	10:00-11:30 am	Ainhoa Ferret-Miñana	Human three-dimensional multicellular liver platform for drug screening
122	161	4:30 - 6:00 pm	Maria Teresa Baltazar	The application of advanced tools in Next Generation Risk Assessment (NGRA) of cosmetics ingredients
123	162	10:00-11:30 am	Chantal Rufer	A Novel Islet Platform for Studying Type 1 Diabetes and Investigating β-Cell Proliferation
124	163	4:30 - 6:00 pm	Sayro Jawurek	Developing Novel Tools for Diabetes Research: AAV Serotype Tropism Screen in Standardized Human Islet Microtissues
125	164	10:00-11:30 am	Lotte de Winde	Development of human B-cell lymphoma-on-chip to study cancer dissemination
126	165	4:30 - 6:00 pm	[No author data]	Overcoming oxygen impermeability in PDMS-free organ-on-a-chip devices with nanoporous plastics
127	166	10:00-11:30 am	Manuel Allwang	Butyrate improves host defense against Candida albicans infections in an Inflammatory-bowel-disease on chip model
128	168	4:30 - 6:00 pm	Nadine Nottrodt	Laser assisted bioprinting of spheroids for the fabrication of organoids in microfluidic chips
129	169	10:00-11:30 am	Kayoko Hirayama-Shoji	Perfusable liver model for “on chip” disease modelling
130	170	4:30 - 6:00 pm	Sinéad Connolly	Microfabrication of In Situ Functional Neuronal Networks using FluidFM for Spheroid Placement
131	171	10:00-11:30 am	Jia-Jun Yeh	Micropumping chip module for a standardized and modular Organ-on-Chip platform
132	173	4:30 - 6:00 pm	Dominika Schrödter	NeuroExaminer 2.0 – microfluidics made entirely of glass for monitoring Zebrafish brain activity using light-sheet imaging
133	174	10:00-11:30 am	Priscilla Lee	Utilizing Bioprinting Technology To Develop A 3D In Vitro Liver Model
134	175	4:30 - 6:00 pm	Adrian Feile	3D-gut-on-chip infection model of Vibrio cholerae
135	177	10:00-11:30 am		
136	178	4:30 - 6:00 pm	Naomi Coombes	Development and adaptation of a SARS-CoV-2 infection model in human respiratory MPS at high containment
137	179	10:00-11:30 am	Francesca Moretti	Comparative assessment of hepatic in vitro systems for detection of drug-induced liver injury
138	180	4:30 - 6:00 pm	Juan M. Fernández-Costa	A multi-organ-on-a-chip device to study the metabolic crosstalk between muscle and pancreatic islets
139	182	10:00-11:30 am	Simone Smink	A novel integrated approach for proximal tubule-on-a-chip development
140	183	4:30 - 6:00 pm	Ainoa Tejedera-Villafranca	DMD-on-a-chip: joining a functional patient-derived 3D skeletal muscle model, microfluidics and nanoplasmonic sensing to accelerate drug testing for Duchenne Muscular Dystrophy
141	184	10:00-11:30 am	Emily Tubbs	Vascularized pancreatic islet-on-chip for type 1 diabetes.
142	185	4:30 - 6:00 pm	Karin Farah Rechberger	Exploring extravasation dynamics of lung cancer cells using a microvasculature-on chip system
143	186	10:00-11:30 am	Tobias Weber	A Breathing Lung-on-Chip Array Incorporating a Protein-Based Membrane
144	187	4:30 - 6:00 pm	Jan Schulte	Incorporating primary human epithelial cells on a novel alveoli-on-chip device with diverse strain distribution
145	189	10:00-11:30 am	Iasmim Orge	Perfusable vascularized stroma on-a-chip for growing 3D organotypic structures
146	190	4:30 - 6:00 pm	Andre Rodrigues	Validation of 3D human liver-on-chip model as standard assay for ADME and Toxicity predictions during pre-clinical development.
147	191	10:00-11:30 am	Nikolas Gaio	Quantitative fluid dynamic characterization of an organ-on-chip model using phase resolved Doppler OCT
148	192	4:30 - 6:00 pm	Nikolas Gaio	Automated and high-volume wafer-scale microfabrication of Organ-on-Chip (OoC) polymer structures and components.
149	193	10:00-11:30 am	Kai-Lan Lin	3D chip model to study cellular interplay in cancer cell invasion through Notch signaling
150	194	4:30 - 6:00 pm	Beatrice Gabbin	Unified organoid system for modeling heart and kidney interaction on-a-chip
151	195	10:00-11:30 am	Mariel Cano-Jorge	Engineered human cardiac chambers recapitulating the pump function of the heart
152	196	4:30 - 6:00 pm	Sehoon Jeong	Organ-on-a-chip: Technology for the Interface between the Brain and the Blood-brain Barrier
153	197	10:00-11:30 am	Karen Dernick	Corneal toxicity screening: Successful replacement of rabbits by human in vitro corneal tissues
154	199	4:30 - 6:00 pm	Dilyana Filipova	No improvement in 60 years: drug failure rates from the 1960s to the 2010s
155	200	10:00-11:30 am	Aleksandra Aizenshtadt	Modeling of obesity-induced changes in metabolism and crosstalk of human stem cell-derived pancreatic islets and liver organoids using a pump-less recirculation OoC (rOoC) platform.
156	201	4:30 - 6:00 pm	Vanesa Ayala-Nunez	Establishing a patient-derived glioblastoma organoids model that mimics tumor heterogeneity in patients
157	202	10:00-11:30 am	Naomi Coombes	Characterisation of primary NHP airway cells for MPS infection model development
158	203	4:30 - 6:00 pm	Shan Wang	Next-generation human iPSC-derived 3D brain systems to study chemical-induced myelin disruption and demyelinating diseases
159	204	10:00-11:30 am	Laura Windt	Downscaled Engineered Heart Tissues of entirely hiPSC-derived 3-cell-type co-culture are functional and viable over several weeks
160	205	4:30 - 6:00 pm	Svenja Nellinger	Development of a defined inflamed in vitro adipose tissue-lung model to investigate the influence of obesity on lung diseases
161	206	10:00-11:30 am	Mahira Mehanovic	On-chip maturation and characterization of iPSC-derived Langerhanoids
162	207	4:30 - 6:00 pm	Tom Pietrobelli	Reproducible creation of patient-specific cell lines from a wide variety of primary cells
163	211	10:00-11:30 am	Diana Karwelat	Identification of anti-angiogenic activities of drug candidates by a perfused 3D angiogenic sprouting assay in Mimetas OrganoPlates
164	212	4:30 - 6:00 pm	Iris Muller	MPS in safety assessment for DART and endocrine disruption: an industry perspective
165	213	10:00-11:30 am	Massimo Mastrangeli	A highly-sensitive integrated capacitive sensor for contractile force measurement in an engineered heart tissue platform
166	215	4:30 - 6:00 pm	Christopher Arian	The development of an intestinal organoid monolayer model to predict oral drug disposition.
167	217	10:00-11:30 am	Jens Duru	Engineering and investigating neural circuits in vitro on high-density microelectrode arrays
168	218	4:30 - 6:00 pm	Douglas Kondro	Robust workflows for the expansion and differentiation of human pluripotent stem cells as aggregates in suspension culture
169	219	10:00-11:30 am	Mindaugas Pauzuolis	Differential susceptibility of gastrointestinal epithelium monolayers to SARS-CoV-2
170	220	4:30 - 6:00 pm	Amanzhol Kurmashev	Microfluidic Platform for Transwell-Based Upper Airway Cultures Under Alternating Air-Liquid and Liquid-Liquid Interface Conditions
171	221	10:00-11:30 am	Gulden Akcay	Microfluidically constructed novel Brain-on-Chip microenvironments
172	222	4:30 - 6:00 pm	Ioannis Angelopoulos	Three-Dimensional in vitro modeling of the subventricular (SVZ) neural stem cell niche

173	223	10:00-11:30 am	Pierre Gaudriault	A high-throughput vascularized immunocompetent organoids on well: application on immuno-oncology for breast cancer
174	224	4:30 - 6:00 pm	Hristina Koceva	Generation of an alveolus-on-chip model for personalized drug screening against viral-bacterial co-infections in viral pneumonia
175	225	10:00-11:30 am	Rouhollah Habibey	Long-term modular human iPSC-derived neuronal networks on-chip
176	226	4:30 - 6:00 pm	Isabel Tamargo-Rubio	From hiPSC-derived liver organoids to hiPSC-derived liver-on-chip: enhancing cytochrome P450 expression for drug metabolism studies
177	229	10:00-11:30 am	Carles Calatayud	Building Human Induced Nigrostriatal Microcircuits on CMOS chips to Study Parkinson's Disease
178	230	4:30 - 6:00 pm	Mona Amiratashani	The next generation of iPSCs alveolus-on-chip: Combine flexible collagen-I membranes, mechanobiological stimulation, and a human pneumonia model infection
179	231	10:00-11:30 am	Rohollah Nasiri	Investigation on the Effect of Ketogenic diet on human Neurovascular Unit-on-a-Chip: Brain Energy Metabolism with different Diets
180	234	4:30 - 6:00 pm	Patrícia Barros da Silva	A bioactive hybrid dECM-alginate system to unveil the role of the microenvironment in EMT/MET
181	235	10:00-11:30 am	JEON SOOYEON	Toll-like receptors and organ-on-chip approaches for AD drug screening
182	236	4:30 - 6:00 pm	Xumei Gao	Hyper-nutritional cell culture media distort the expression of anti-cancer drug targets
183	239	10:00-11:30 am	SEJEONG OH	A study on derivation of standardization items in organ-on-chip
184	241	4:30 - 6:00 pm	Fumiya Tokito	Development of an in vitro liver culture system for continuous bile recovery
185	242	10:00-11:30 am	Mark Greenough	RealBrain® 3D neural micro-tissues: a high throughput platform for drug discovery in Alzheimer's disease and other neurodegenerative disorders
186	243	4:30 - 6:00 pm	Valentin Wegner	Testing short-chain fatty acid effects on the efficacy of CAR T cells in a gut-on-chip system
187	244	10:00-11:30 am	Mayu Shibuta	Construction of a blood-brain barrier (BBB)-on-chip model that can evaluate immune cell infiltration and barrier disruption