THURSDAY JUNE 12, 2025 4:30–6:00 PM					
Poster Board Number	Abstract Number	Presenter	Title		
	Track 2: MPS for Biomedical Research and Disease Modelling				
		Theme 2.4: MPS	S for cancer precision medicine		
			Elucidating chemotherapeutic response and fibroblast dynamics via		
	_		drug-nanoconjugate carrier in high-throughput 3D tumor		
101	4	Faiqa Nazir	microenvironments		
103	6	Madre Meyer	Novel applications of senolytics to prevent treatment resistance in cervical cancer		
105	0		Dual-targeted therapy: Novel interventions to inhibit metastasis and		
105	7	Cayleigh de Sousa	chemoresistance in cervical cancer		
			Optimization of a 3D spheroid model to study the migration of cancer-		
107	8	Erik Maquoi	associated fibroblasts in fibrillar collagen		
			Modulation of CAR T-cell efficacy by short-chain fatty acids in a ROR1-		
109	10	Valentin D. Wegner	positive intestinal adenocarcinoma-on-chip model		
			A vascularized glioblastoma-on-a-chip model for the evaluation of CAR-		
111	18	Su Liu	T cell therapy		
			Thermo-responsive nanocarriers for targeted drug delivery in		
			microphysiological systems: Leveraging 3D spheroids and organ-on-		
113	29	IQRA MUNIR	chip models to enhance cancer therapeutics		
115	35	Joanna Burdette	The impact of ovulation on early events in ovarian cancer development using microfluidics		
115	55		Metoclopramide-loaded 3D bioprinted GelMA supplemented with		
			decellularized human esophageal matrix as in vitro model system for		
117	39	Vidhi Mathur	reflux associated motility disorder		
/			Flow-induced vascular remodeling on-chip: Insights into anti-VEGF		
119	65	Fatemeh Mirzapour-Shafiyi	therapy optimization		
			Evaluation of endothelial-to-mesenchymal transition using a three-		
121	70	Yuji Nashimoto	dimensional vascular model		
			Engineering human-relevant glioblastoma microenvironment models		
123	87	Andrea Bezze	for the optimisation of advanced drug delivery systems		
127	95	Devrim Pesen Okvur	MPS for cancer research		
120	447		A 3D hydrogel platform to study the functional integration of		
129	117	Giulia Amos	glioblastoma into neural networks in vitro		
131	133	Nathalie Brandenberg	Bladder cancer-on-chip: A 3D model to study human urothelial tumors under physiological stretch		
151	133		Blood vessels-on-chip for studying the effects of anti-cancer therapies		
133	163	Alice M. Leroy	on the vascular barrier		
			Blood vessels-on-chip for the study of the effects of anti-cancer		
135	166	Ibtihal Hezili	therapies on angiogenesis		
			A 3d bioprinted in vitro model of neuroblastoma: A vascularized		
137	172	Marianna Peditto	platform for drug testing and personalized medicine		
			Integrating microfluidic BBB-on-chip with 3D glioblastoma spheroids to		
			assess autologous monocytes loaded with a next-generation oncolytic		
139	173	Sara Micheli	HSV-1		
1.1.1	174	Charlette M. de Milada	Lymphoma-on-chip model reveals that lymph node stromal cells		
141	174	Charlotte M. de Winde	promote diffuse large B-cell lymphoma survival and migration Photothermal enhancement of tumor-specific T-cell expansion through		
143	182	Jie-Yun Tseng	dendritic cell activation using GCS-PPy nanoparticles		
175	102		Redefining metastasis models: Advanced hydrogel platforms to		
145	184	Yang-Wei Liu	investigate and inhibit cancer cell homing		
•	_ ~ .		A transwell-based alginate hydrogel organ-chip model for analyzing		
147	190	Wen Kang	gastric cancer cell homing and metastatic behavior		
		-	A human systemic model for simultaneously evaluating antibody-drug		
149	210	Xiao-yann Huang	conjugates efficacy and the risk of interstitial lung disease		
151	216	Helene Le	Patient-derived tumor ex vivo models for immuno-oncology drugs		

Poster Board Number	Abstract Number	Presenter	Title
153	247	Franziska Linke	Modelling prostate cancer bone metastasis using organ-on-chip
			Development of an osteosarcoma-on-a-chip device that mimics the
155	248	Erick Solorio González	osteosarcoma tumour microenvironment
			Multi-omics qualification of an organ-on-a-chip model of osteolytic
157	269	Stefaan Verbruggen	bone metastasis
			Comparative evaluation of vascular formation by endothelial cell types
			in an on-chip angiogenesis model of alveolar soft part sarcoma using
159	329	Satomi Matsumoto	random displacement amplification sequencing
			Development of a 3D microfluidic model of pancreatic adenocarcinoma
161	343	Orégane Bajeux	integrating the mechanical stimuli of the tumor microenvironment
			Advancing precision oncology and drug development through clinical
163	368	Chien Yu Huang	validation of organ-on-a-chip and automated drug delivery platform
			Micro-physio/pathological system as a preclinical model to replicate
165	370	Sofia Tartaro	pancreatic tumor microenvironment
	0.0		Tumor microenvironment as a modulator of the immune response in a
167	381	Clara Bayona	glioblastoma-on-chip model
107	501		The study of cellular crosstalk in glioblastoma multiforme by means of
169	391	Francesca Gervaso	a 3D co-culture in vitro model-on-chip
109	591	Francesca Gervaso	Substrate stiffness as a modulator of cellular behavior in ovarian cancer
171	420	Nortine Kereerie	
171	420	Martina Karasova	cells
			Biomimetic microphysiological system (MPS) unveils complex
			pancreatic tumor microenvironment dynamics: Advancing in cancer
173	421	Andrea Pavesi	modeling and therapeutic discovery
175	437	Iris Schilt	CAR-T migration and cytotoxicity in a vessel-cancer co-culture
			Development of a 3D immunocompetent breast cancer model to
177	442	Priyanka Fernandes	accelerate drug testing and personalised medicine
			Development of a lymphoma-on-chip model for studying tumor-
179	464	Kerem Çoban	stromal interactions
			Targeting HCC tumor microenvironment interactions using an advanced
181	466	Vincent van Duinen	HCC patient-derived on-chip model
			Colorectal cancer patient-derived organoids to elucidate the impact of
183	497	Emmanouil Angelidakis	Wnt/ β -catenin signalling on CAR-T cell cytotoxicity in vitro
			A novel multicompartment barrier-free microfluidic device to study the
185	498	Claudia Olaizola-Rodrigo	immune-tumor interactions in glioblastoma
			Microphysiological systems to investigate tumor heterogeneity: A focus
187	502	Dima Ghannoum	on the immune compartment
			Building a liver sinusoid-on-a-chip model for metastatic research: The
189	507	Sofia Tomza	initial steps
			Ex vivo modeling of precision immuno-oncology responses in lung
191	511	Bassel Alsaed	cancer
			Engineering a vascularized tumor immune microenvironment using
193	532	Kyusuk Baek	microphysiological system for immuno-oncology drug evaluation
			Combinatorial micro-scaffold printing for on-chip modelling of
195	573	David Barata	osteosarcoma
155	575		
			Open-port barrier-free microphysiological system for exploring tumor
197	586	Vira Sharko	microenvironment effects on spheroid invasion and drug response
197	500		Metastasis-on-chip: Engineering a hydrogel-based 3D model to study
100	625	María Cardía Día-	
199	635	María García-Díaz	metastatic cell extravasation in colorectal cancer
201	696		Development of a microfluidic platform to generate vascularized
201	636	Giacomo Cretti	colorectal cancer spheroids-on-chip
			A breast duct-on-chip model for emulating invasive ductal carcinoma
203	639	Mohammad Jouybar	and testing therapies

Poster Board Number	Abstract Number	Presenter	Title
Number	Number	Tresenter	Advancing a physiologically relevant co-culture model for chronic
205	643	Ane San Martin	lymphocytic leukemia using a microfluidic system
207	644	Patrick Sandoz	Decoding immune cell dynamics in 2D and 3D microtumor models
209	654	Viviana Secci	A vascularized microphysiological system reproducing endochondral ossification in vitro to study Ewing sarcoma proliferation and migration
			Ex vivo kidney 3D immune-microtumors show tissue cell type retention and enable functional precision immunotherapy and combination
211	664	Keqian Nan	therapy testing
213	669	Odile Filhol-Cochet	Assessing metastatic potential and drug response of patients' renal carcinoma-on-a-chip: META-predict
215	677	Jana Zielinski	Enabling studies of circadian rhythm of the human lung tumour cell line A549 in vitro through entrainment delivered via multiplexed perfusion A cancer-on-chip model reproducing activation and polarization of T
217	694	Amélie Paillereau	cells, B cells and macrophages by the tumor microenvironment of pancreatic ductal adenocarcinoma
219	723	Juliana Navarro Yepes	Advancing immuno-oncology with a 3D bioprinted vascularized tumor- on-a-chip model: Recapitulating the tumor microenvironment and immune cell dynamics
221	729	Bumsoo Han	Discovery and validation of therapeutic targets in pancreatic cancer using microphysiological pancreatic cancer-associated coagulation models
223	725	Kim Gwang Myeong	3D printed in vitro lung cancer invasion model
225	732	Robert Storm	Semi-automated, scaffold-free organoid culture workflow
227	735	Estelle Bastien	Integrating 3D tumor model and hydrogel-based microfluidics for temporal and spatial metabolic control
229	736	Nicole Anderle	Microfluidics-based development and characterization of tertiary lymphoid structure (TLS-on-chip)
231	762	Elliot Lopez	Growth and study of tumor spheroids behavior in a biomimetic vascularized platform
233	791	Lisa Hoelting	Unlocking the potential of 3D patient-derived tumor microtissues as reliable and scalable in vitro pre-clinical models
235	807	Shaun Wootten	Advancing tumor-on-a-chip technology: A cost-effective 3D-printed MPS for cancer studies
237	817	Adriana Barroso	Collagen-based hydrogels with multiple ions as osteoporosis 3D model
239	818	Rafaela Seabra	Hybrid multi-functional based 3D model for investigating bone diseases
241	825	Johanna Schreiber	Developing a 3D human bone marrow model for hematological disease research and drug screening
243	828	Miguel Coelho	In silico osteosarcoma model for advanced disease research
245	838	Jan Guzowski	Bioprinting of self-assembling hydrogel droplet-arrays for automated ultra-high-throughput screening of cancer microenvironments with gradients in cellular composition
247	839	Daniel Ferreira	Early cancer detection in hereditary diffuse gastric cancer through organ-on-a-chip technology
249	849	Martina Poppa	3D-printed master templates enable rapid fabrication of micropatterned scaffolds for gut in vitro modelling
251	851	Daniela Gaebler	A human in vitro vascularized micro-tumor model of ovarian cancer for investigating tumor-stromal interactions
253	854	Bhuvanesh Dave	Tumor organoid models with functional immune system physiological oxygenation improve preclinical assessment of drugs
255	860	Sarah Shelton	Modeling the tumor microenvironment in pancreatic cancer reveals opposing functions of cancer-associated fibroblast subtypes

Poster Board Number	Abstract Number	Presenter	Title
			Highly consistent tissue-engineered colorectal cancer microspheres
			support patient-derived xenograft tumor cells for automated drug
257	865	Elizabeth Lipke	screening
			Bone marrow mimetic MPs for malignant progressions and resistance
259	866	Dilara Perver	to therapeutic interventions
264			Target, treat, and track: A multifunctional microfluidic platform for lung
261	944	Ecem Saygili	cancer therapy
262	040	Dik C van Cant	Functional ex vivo paclitaxel sensitivity assays for breast cancer tissue with in vivo validation
263	949	Dik C. van Gent	Patient derived tumor organoid in microphysiological systems to model
265	963	Eloïse Bouges	rectal cancer under radiotherapy
205	505		Investigation of pancreatic cancer heterogeneity by inkjet-printed
267	990	Subin Choi	single cell-derived organoid
			Targeted drug delivery with erythrocyte-derived nanovesicles in an
457	469	Silvia Scaglione	organ-on-chip tumor model
			Research and Disease Modelling
			nding the brain with MPS
			Aging of the blood-brain barrier (BBB) via reactive oxygen species (ROS)
269	45	Eun U Seo	stimulation
			Multiparametric neuronal and mitochondrial analysis using human in
			vitro model enables faster drug screening and modeling for
271	75	Margaret Magdesian	neurological diseases
			Exploring multicellular dynamics in glioblastoma: A 3D open-top chip
273	149	Lotta Isosaari	model with integrated neurovascular networks for drug testing
			Medical imaging-informed device design: Toward lymphoid-like brain
275	154	Patrick C. Hurley	follicles on-a-chip
277	150	Valentin Tallendian	High-throughput in vitro evaluation of synaptic density to enhance and
277	156	Valentin Tallandier	accelerate preclinical drug discovery for neurogenerative diseases Contribution of microfluidics in modeling human vascularized brain
279	162	Eva Veiss	organoids in the context of neonatal hypoxia-ischemia
275	102		A microphysiological approach to study dopaminergic injury and
281	164	Inês P. Silva	inflammation interplay in Parkinson's disease
			Evaluation of the passage of monocytes in a 3D blood-brain barrier
283	168	Begum Gokce	(BBB)-on-a-chip model
		-	A 3D printed organ-on-a-chip model to study cerebral blood flow
285	239	Ludovica Montesi	alterations and their effect on vascular endothelial functions
			Coupling compartmentalized microfluidic platforms with MEA for
287	255	Adriana C. Toma	advancing neuromuscular junction modeling
			Exploring the role of α -synuclein in retinal pathophysiology using
289	256	Sandra Tenreiro	retinal organoids
201	200	Stéphonia Dadar Daasha	"Hold me tender": Multi-well plate inserts for parallelized and long-
291	260	Stéphanie Boder-Pasche	term 3D cell model immobilization Body barriers—Developing a novel multiorgan chip: Neurotoxicity
293	272	Angelica Sabogal Guaqueta	testing in human pluripotent stem cells
233	212		Engineering 3D bioartificial muscles to model neuromuscular junction
295	274	Yağmur Filiz	formation
			Using microporous substrates to model blood-brain barrier
			vulnerabilities with the μ SiM platform to understand post-operative
297	300	Michelle Trempel	delirium superimposed on dementia
			Development of a functional microphysiological model that
			recapitulates hallmarks of neuronal senescence and Alzheimer's
299	301	Paulina Villanueva	disease for therapeutic testing
			Development of cynomolgus macaque iPSC-derived neurons as a
301	305	Morteza Roodgar	nonhuman primate model for ALS drug discovery and toxicology

Poster Board Number	Abstract Number	Presenter	Title
			A microfluidic blood-brain barrier model with in vivo-like functional
303	313	Huiting Zhang	properties for streamlined drug permeability screening
305	315	Heli Susanna Narkilahti	Towards modeling epilepsy and epileptic seizure-like activity in vitro
			Comparative modelling of 3D human blood-brain barrier with iPSC-
307	324	Se Eun Jang	derived and primary astrocytes on microfluidic chip
309	180	Samarah Harb	3D bioprinted intestinal model for predictive toxicity assessments
			Developing a co-culture model of the blood-brain barrier: Translating
311	353	Hillary Linda Schulz	static approaches to a dynamic platform
			Development of a complex vascular microarchitecture in a
			physiological microdevice to study the impact of a tumoral context on
313	364	Thomas Sivier	the brain angiogenesis and blood-brain barrier
			MEMO platform for modeling pathological and functional alterations in
315	379	Fikret Emre Kapucu	neuronal networks
			Impact of extracellular vesicles from pathogenic gut bacteria on brain-
317	398	Anete Romanauska	vascular barrier permeability
			A microfluidic blood-brain barrier model for investigating disease
319	486	Simon Konig	mechanisms and enhancing CNS drug delivery
			Investigating the feasibility of in vitro biological neural networks for
321	540	Joël Küchler	computation
			Advancing pain-on-chip technology: A human in vitro model for neural
323	542	Dara Khosrowshahi	sensing using high-density multielectrode arrays
			Human and rat neural microphysiological systems to evaluate chemical
325	543	Noah Goshi	and biological threats
327	555	Blandine Clément	A high-density MEA-based multicompartment platform to study human nociceptor signal propagation in co-culture with keratinocytes Optimization of co-culture conditions of hiPSC-derived brain-specific
			endothelial cells and pericytes on silicon micromesh blood-brain barrier
329	557	Yoke Chin Chai	chip
525	557		Towards blood-brain barrier-on-chip to study vascular dysfunctions in
331	666	Johanna Laakkonen	neurological diseases and for drug discovery
551	000		The role of mechanosensitive Piezo1 channels in focused ultrasound
333	670	Jean-Philippe Frimat	activation of in vitro cell cultures
333	070		Fabrication and validation of 3D printed molds for production of PDMS
335	672	Justina Venckute Larsson	chips to facilitate organ-on-chip studies
333	072		Towards the development of an isogenic blood-brain barrier chip
337	730	Kartik Balachandran	system to study the effects of traumatic brain injury
557	/30		A spatially constrained organ-on-chip model to assess human OPC-
339	808	Teng PAN	driven remyelination and therapy efficacy
341	822	Fabio FF Garrudo	Brain-on-a-chip platforms to evaluate neural cell health in real-time
242	025	Drittony Dahaina Caisada	Development and validation of a functional hiPSC-derived Human-On-a-
343	835	Brittany Robaina-Caicedo	Chip® model of complement-mediated autoimmune polyneuropathy
245	0.40	Jacoph Civros	Development of an in vitro iPSC-derived functional neuronal circuitry
345	842	Joseph Ciurca	model for Parkinson's disease
			Change of blood-brain barrier integrity and amyloid clearance function
247	045	Dallas Nash	induced by APOE4 astrocytes in an iPSC-derived microphysiological
347	845	Dallas Nash	model
240	007	Devuel Development	Development of a 3D neurovascular unit (NVU) model using Brain-on-
349	887	Pawel Romanczuk	Chip technology for drug testing in depression
351	933	Phillip Wright	Explore brain organoid activity with microchip technology
252	0.45		3D interfaces with embedded nanoporous microelectrodes for studying
353	945	Nicolai Winter-Hjelm	neural network function and dysfunction

Poster Board Number	Abstract Number	Presenter	Title		
			Establishment of an immunocompetent human brain organoid platform to investigate neurofibromatosis type 1-associated		
355	988	Jack Thornton	neuroimmune dysfunction		
	Track 3: MPS for Efficacy, ADME and Toxicity Testing				
			al and acute toxicity A human liver microphysiological system for assessing mechanisms of		
357	493	Justina Then	toxicity		
359	566	Andrew LaCroix	Peripheral nerve microphysiological system for screening neuropathy of small molecule and PROTAC chemotherapeutics		
		-	, ADME and Toxicity Testing		
		Theme 3.4: Pharma	aco- and toxicokinetics		
361	779	Murat Cirit	Human multi-tissue chip platform for predictive and mechanistic preclinical ADMET studies on gut-liver-kidney axis		
		Track 4: MPS for Indust	rial and Regulatory Testing		
		Theme 4.1: MF	PS Standardization		
363	179	Lucia Selfa Aspiroz	Enhancing stem cell reproducibility through the implementation of standards		
			Comparative validation study of 3D lung tissues from three different		
			sources (lab grown, manufactured automatically by an AutoMTPTM		
365	187	Sanja Savić	unit and purchased from external production specialists)		
			Transcriptomic profiling of high-throughput kidney organoids to		
367	215	Sibel Bahtiri	evaluate variability		
			Transforming drug discovery and development: Overcoming challenges		
369	218	Kainat Khan	in microphysiological systems for wider adoption		
371	271	Jia-Jun Yeh	Micropumping chip module for enhanced modularity in organ-on-chip platforms		
272	220	Deberah Stance	Leveraging a stem cell-derived MPS model and AOPs for mechanistic		
373	320	Deborah Stanco	assessment of nanomaterial-induced intestinal toxicity		
			The optimization of channel design of MPS device Fluid3D-X [®] , which		
375	322	Taku Satoh	consists of double-layered channels separated by a porous membrane		
			Establishing metrology standards in microfluidic devices: Project		
377	333	Elsa Batista	impact and future work		
			AirLiwell: An air-liquid interface system for reproducible, scalable, and standardized organoid models in personalized medicine and biomedical		
379	485	Sanae El Harane	research		
			Advancing microphysiological systems and organ-on-chip through		
381	509	Marcella van Hoolwerff	standardization		
			Intestinal explant barrier chips integrated on the Translational Organ-		
383	535	Eric Safai	on-chip Platform (TOP)		
385	634	Sandro Meucci	Microfluidic Development Kits: Standardized open-platform technology for the upscaling of modular MPS		
			Improved functionality of human hepatocytes using oxygen permeable		
387	658	Jingjing Yang	plates in co-culture systems with different types of culture inserts		
			Enhancement of cell adhesion and cell function in hepatocyte culture		
389	660	Takahiro Yoshioka	using the MPS chip with a bilayered microchannel structure: Fluid3D-X [®]		
			Evaluation of the effect of serum concentration on the		
391	661	Seiichi Ishida	activation/deactivation and adhesion of hepatic stellate cells		
			Advancing the use of MPS in regulatory applications: Broad		
393	676	Xiaohua Qian	perspectives and a cross-platform DILI project		
205	700	Vuii Kimura	On-chip monitoring of the flow rate in a microchannel using optical		
395	726	Yuji Kimura	technology		

Poster Board Number	Abstract Number	Presenter	Title	
			Validation and Qualification Network (VQN) public-private partnerships	
			for adoption and implementation of new approach methodologies	
397	823	Christine Happel	(NAMs)	
			Qualification of a Human 3D Liver-on-Chip Model: Establishing a Cross-	
			pharma trial to evaluate ADME and Toxicity Predictions in Pre-clinical	
399	955	Katharina Schimek	Development	
401	967	Chihiro Nishiura	Study for the reconstruction of hepatic sinusoid by 3-Dimensional culture using a silica fiver scaffold	
			trial and Regulatory Testin	
	Tł	neme 4.2: Regulatory acceptance of MP	S for testing of pharmaceuticals: case studies	
			A platform for simultaneous, longitudinal analysis of engineered	
			neuromuscular tissue for applications in botulinum neurotoxin potency	
403	593	Hamed Ghazizzdeh	testing	
			rial and Regulatory Testing	
	Theme 4	.3: Regulatory acceptance of MPS for te	sting of non-pharmaceutical chemicals: case studies	
405	254	Thilasult Llow second	Establishing a humanized in vitro model for pesticide-induced	
405	254	Thibault Honegger	neurotoxicity: A collaborative effort between NETRI and ANSES	
407	227	Matthias Casesara	From neat compounds to complex mixtures: Microphysiological	
407	327	Matthias Gossmann	systems for cardiotoxicity safety testing of botanical extracts	
100	004		Neuronal subtype-specific MoA analyses in hiPSC-derived 3D	
409	804	Kristina Bartmann	BrainSpheres	
			rial and Regulatory Testing	
		Theme 4.4: Scalability	and reproducibility tools	
			Enhancing 3R principles with Bayesian updating: A new horizon in	
411	207	Steven R. Talbot	sample size calculation for replacement methods	
			Development of high-throughput 3D assay-ready angiogenesis kit in	
413	323	Sei Hien Lim	microphysiological system	
			Development of μ 3D cardiac strips using a biocompatible thermoplastic	
415	510	Amélie Bocquet	elastomer platform for drug testing	
			Exploring the benefits of 3D spheroid and organ-on-a-chip technologies	
417	582	Amr Othman	with human iPSC-derived cell types	
44.0	674		NXTGEN Hightech One-Stop-Shop: Towards a value chain for high-tech	
419	674	Sabine Middendorp	production and upscaling of MPS within the Dutch ecosystem	
121	744		Automating organoid culture: A unique platform for iPSC and organoid	
421	711	Astrid Michlmayr	generation, cultivation, and expansion	
422		Concline Cult	Novel high-throughput pump-free organ-disc platform for the study of	
423	777	Caroline Culp	adaptive immune response in a lymphoid tissue model MAC pump: An advanced platform to make commercial organ-on-chip	
425	787	Marie Monchablon	compatible with pharmaceutical industry	
423	/0/		seamless automation of human induced pluripotent stem cells	
			maintenance, 3d culture and differentiation into retinal pigmented	
427	952	Duncan Alric	epithelium	
727	552		Vascularized Tissue on Mesh-Assisted Platform (VT-MAP)for High-	
429	982	Yujin Lee	Throughput Drug Screening	
725	502			
Track 4: MPS for Industrial and Regulatory Testing Theme 4.5: MPS developer/end-user dialogue				
			The IQ MPS affiliate: pharmaceutical perspective and overview of	
431	290	Thomas Fischer	activities towards implementation of MPS in drug development	
			Conventional probiotics adhesion test implemented by a customizable	
433	390	Simone Perottoni	on-a-chip dynamic tool	
			Investigating perceptions on in vitro methods to assess physiological	
435	434	Solène Feyzi	relevance	
			bDNAT INIEDA: A unique infrastructure featured on driving the	
407	600		hDMT INFRA: A unique infrastructure focused on driving the	
437	680	Hanna Lammertse	implementation of dynamic, human-based organ and disease models	

Poster Board Number	Abstract Number	Presenter	Title	
			Establishment and operation of a core facility for complex	
439	693	Monika Yanovska	microphysiological in vitro models	
			Progress in the product implementation of "BBB-NET", the receptor-	
			mediated transport assay platform incorporating a humanized 3-	
			dimensional (3D) blood brain barrier (BBB) network microphysiological	
441	728	Kaoru Sato	system (MPS)	
443	785	Dhanesh G. Kasi	Facilitating organ-on-chip research and adoption	
445	827	Federico Nebuloni	Making Lab: Bespoke microfluidics at The Francis Crick Institute	
			3Rs Collaborative MPS Initiative: Increasing industry adoption and	
447	843	Madhu Nag	regulatory use of microphysiological systems	
	Track 4: MPS for Industrial and Regulatory Testing Theme 4.6 MPS for chemical risk assessment			
			A miniaturized human iPSC-derived blood-brain barrier model	
449	331	Paul Kurtenbach	enables in vivo brain permeability estimation for regulatory testing	
			Advancing in vitro inhalation toxicity testing: A collaborative path to	
451	386	Tina Florut	regulatory acceptance	
			The future of Transport of Dangerous Goods classification in the light of	
453	612	Claudia Hempt	microphysiological systems	
455	645	Katharina Nitsche	Evaluating liver-on-chip models for a next generation risk assessment	