

LIST OF POSTERS

Disease modeling

Last name	First name	Title of poster	# poster
BAGHDOYAN	Sandrine	Combinatorial drug therapy for novel interventions in Myotonic Dystrophy Type 1	DM-P01
BALDESCHI	Christine	Human iPSC-derived-keratinocytes, a new useful model to identify and explore pathological phenotype of Epidermolysis Bullosa Simplex	DM-P02
BATOUMENI	Vivien	Cardiac modeling of desmin related myofibrillar myopathy in vitro and assessment of effects on mitophagy	DM-P03
ELJAAFARI	Assia	Contribution of adipose-derived mesenchymal stem cells from obese individuals to breast cancer progression, through immune check point overexpression	DM-P04
CLÉMENÇON	Marilou	Human iPSC-based retinal cell library for disease modeling and drug discovery	DM-P05
FOISSET	Florent	Reconstitution of a bronchial epithelium model innervated by sensory neurons from human induced pluripotent stem cells	DM-P06
HAASE	Georg	Cerebral Organoids to Analyze the Mechanisms of Genomic Instability in C9orf72-linked Amyotrophic Lateral Sclerosis (ALS) and Frontotemporal Dementia (FTD)	DM-P07
HABELER	Walter	Development of in vitro blood-retinal barrier for disease modelling and cell therapy for retinal dystrophies using pluripotent stem cells	DM-P08
KORNECK	Milena	Comparative expression analysis and disease modelling of Hereditary Spastic Paraplegia type 4 and 31 using CRISPR/Cas9 knock-out iPSC-derived cortical neurons	DM-P09
PANASENKAVA	Veranika	Use of induced pluripotent stem cells to improve diagnosis of midline brain defects	DM-P10
STEDMAN	Aline	Using mouse and human spinal organoids to unravel molecular mechanisms underlying CNS malformations caused by mutations in RPGRIP1L	DM-P11
THOMAS	Sophie	2D and 3D human IPS cell-based models to dissect the involvement of the primary cilium during cerebral cortical development	DM-P12
VINCENT	Juline	Why You Should Routinely Test The Genomic Integrity Of Your Cell Lines	DM-P13
CLARET	Léo	A stochastic lineage tracking model to unravel the function of the thyroid hormone receptor TR α 1 in the heterogeneity and hierarchy of colorectal cancer cells	DM-P14

Organoids

Last name	First name	Title of poster	# poster
BARRY	Fatima	Trophoblast organoids as a 3D model for the study of oxygen concentration during in vitro pre implantation embryo culture	O-P01
CASTIGLIONE	Héloïse	Human Brain-Organoid-on-Chip platform for pre-clinical applications	O-P02
D'ANGELO	Jean Marc	Alternative Approaches to Enhance the Functional Complexity of Existing Human iPSC-derived Cardiomyocyte Models	O-P03
FILARDO	Camille	Modeling Neuronopathic Gaucher Disease using induced Pluripotent Stem Cells	O-P04
FOURNIER	Tara	Cerebral organoids to study molecular and cellular defects in a neurodegenerative and progeroid disease	O-P05
HILLION	Killian	Full field-OCT imaging for intestinal organoid characterization and function	O-P06
LEBRETON	Corinne	Modelling of UNC45A deficiency by iPSC-Derived Intestinal Organoids	O-P07
MESSINA	Antonietta	Highly functional and mature self-organized hepatocyte organoids produced from human iPSCs for regenerative medicine and therapeutic applications	O-P08

Regenerative medicine and clinical trials

Last name	First name	Title of poster	# poster
DARD	Nicolas	A proteomic approach to characterize mesenchymal stem cell protective effect on hypoxic alveolar epithelial cells	RM-P01
GACHE	Vincent	Innovative injectable and porous hydrogels as a support for striated skeletal muscle tissue engineering	RM-P02
HOEFER	Christoph	generation of engineered pluripotent stem cell lines for clinical applications	RM-P03

Stem cells and bioengineering

Last name	First name	Title of poster	# poster
BEN M'BAREK	Karim	Semi-automated optimized method to isolate CRISPR/Cas9 edited human pluripotent stem cell clones	SB-P01
BOEUF	Hélène	ImmunoMap of the apical papilla of wisdom teeth and culture optimization of their derived stem cells (SCAPs) towards engraftment of cellularized biomaterials	SB-P02
HAMYEH	Maxence	unraveling the signaling web in stem cell differentiation via automated capillary-based western	SB-P03
MADRANGE	Lucie	Generation of PRNP knock-out induced pluripotent stem cells	SB-P04
PIAU	Olivier	Molecular mechanisms underlying the production of hematopoietic stem cells from human-induced pluripotent stem cells	SB-P05
RISSON	Valérie	The 'iPS_PGNNM' core facility	SB-P06
VALES	Simon	Engineered in vivo models of human esophagus, stomach and colon using pluripotent stem cells and recombination techniques	SB-P07

Stem cell niche

Last name	First name	Title of poster	# poster
SAVINA	Alkesandra	Single-cell transcriptomics reveals age-resistant maintenance of cell identities and stem cell compartments in long-lived naked mole-rats skin	SN-P01

Flash talks - Posters

Last name	First name	Title of poster	# poster
CIAUDO BEYER	Constance	FluidFM® technology enables monoclonal, specific and efficient human iPSCs CRISPR/Cas9 engineering	FT-P01
GIABICANI	Eloïse	A relevant cellular model to study imprinting disorders: dental pulp stem cells	FT-P03
JOUNEAU	Alice	Ablation of ZC3H11A causes early embryonic lethality and dysregulation of metabolic processes	FT-P04
SELENOU	Céline	Synergistic effect of ascorbic acid and hypoxia allows the maintenance of imprinted regions methylation pattern in human induced pluripotent stem cells	FT-P05
WEERASINGHE-ARACHCHIGE	Lahiru-Chamara	Greb1l plays a vital role during the epiblast maturation of mouse embryos	FT-P06