

MONDAY 24 MARCH

8:30 **REGISTRATION OPENS**

10:00 **Welcome Words** **Nathalie Cartier**, President SFTCG

10:05 **CARDIOVASCULAR**

12:05 *Chair: Alexander Lyon, Angelo Parini*

Inv1 *Todays challenges of cell therapy of heart failure*
Michel Puc at, INSERM UMR S910, Aix-Marseille University

Inv2 *Gene therapy for heart failure - from bench to bedside*
Alexander Lyon, Imperial College London

OR1 *Intramyocardial Transplantation of Mesenchymal Stromal Cells for Chronic. Myocardial Ischemia and Decreased Left Ventricular Function*
Marine Lebrin, CHU, Clinical Center of Investigation of Biotherapy, Toulouse

OR2 *From bench to the bedside: A phase I trial, the use of autologous cultured adipose-derived stroma/stem cells to treat patients with non-revascularizable Critical Limb Ischemia*
Louis Casteilla, STROMALab, UMR5273 UPS/CNRS, EFS, U1031, Toulouse

12:05 **KEYNOTE LECTURE**

12:30 **Inv3** *Genetic Engineering of Hematopoiesis for Treating Genetic Diseases and Cancer*
Luigi Naldini, President ESGCT, HSR TIGET, Milano

12:30 Lunch

14:00 **ADVANCES IN GENE TRANSFER AND CELL THERAPY**

16:00 **BIOENGINEERING**
Chair: Gilles Marodon, Jo lle Am d e



Inv4 *Bone tissue engineering and cell to cell communication*
Jo lle Am d e, Inserm U1026, Bordeaux University

Inv5 *Bacterial-based tumour modification technology*
Mark Tangney, Cork Cancer Research Centre


Inv6 *Cell Therapy Products and Bioreactors-Developing a Closed System*
Shirley M. Bartido, Memorial Sloan Kettering Cancer Center , New York

OR3 *Gene therapy of HIV infection by two inhibitors of viral entry in humanized mice*
Nicolas Petit, Universit  Pierre et Marie Curie, Centre d'Immunologie et des Maladies Infectieuses (CIMI), INSERM U1135, CNRS ERL 8255, Paris


OR4 *Eco-friendly 3D scaffolds for cell-based therapy of heart failure.*
Raya Bushkalova, Universit  de Toulouse, INSERM, UMR 1048

16:00 Coffee break

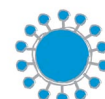


16:30 18:00	<p>GENETIC DISEASES</p> <p><i>Chair: Nathalie Cartier, Thomas Voit</i></p> <p>Inv7 Innovative therapies for neuromuscular diseases Thomas Voit, Institut de Myologie and Director of U974, Paris</p> <p>Inv8 Gene therapy approach for the cardiomyopathy associated with Friedreich ataxia Morgane Perdomini, IGBMC, Illkirch</p> <p>OR5 Cholesterol-24-hydroxylase overexpression in a mouse model of tau pathology Marie-Anne Burlot, Université Paris Descartes, INSERM UMR 986,CEA</p> <p>OR6 Development of a personalized regenerative medicine using hiPSCs for treating inherited liver diseases: application to Crigler-Najjar type 1 Claire Poiron, INSERM UMR 1064, CHU Hotel Dieu, Nantes</p>	
18:30 20:00	<p>Welcome reception, Salle des Illustres, Capitole (See map at the end of the book)</p> <p>Speaker Dinner</p>	

TUESDAY 25 MARCH


09:00 10:30	<p>GENE TRANSFER TARGETING AND IMAGING</p> <p><i>Chair: Georges Vassaux, Anne-Catherine Prats</i></p> <p>Inv9 Longitudinal monitoring of disease states in live animals using non-invasive optical imaging Kevin Francis, Perkin Elmer Biology R&D</p> <p>Inv10 Application of Selective Plane Illumination Microscopy to study animal models of CNS diseases C Björn Tews, German Cancer Research Center, Heidelberg</p> <p>OR7 Measles virus glycoprotein pseudotyped lentiviral vectors transduce resting long-term repopulation hCD34+ cells at an efficiency without precedent Els Verhoeven, ENS de Lyon, Inserm, U1111</p> <p>OR8 RILES, a novel RNAi-molecular imaging system for the temporal analysis of the in vivo regulation of microRNA expression Patrick Baril, Centre de Biophysique Moléculaire, CNRS UPR4301, Université d'Orléans</p> <p>OR9 IRES-based vectors for a combined gene therapy of heart ischemia Edith Renaud, TRADGENE EA4554, Université Paul Sabatier, Toulouse</p>	
10.30	Coffee Break	

11:00 12:30	<p>OMICS AND TARGETED INTEGRATION FOR GENE THERAPIES</p> <p><i>Chair: Fulvio Mavilio</i></p> <p>Inv11 Retroviral pre-integration complexes as genome-wide scanners of transcriptional regulatory elements Fulvio Mavilio, Génethon, Evry</p>
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	<p>Inv12 <i>Genome origami: a tool to control expression of gene therapy constructs?</i> Thomas Sexton, IGBMC, Illkirch</p> <p>OR10 <i>Consequences of ApoE2 astrocytic overexpression in an Alzheimer's disease mouse model</i> Romain Fol, Université Paris Descartes, INSERM UMR 986 / MIRCen</p> <p>OR11 <i>Pan-genomic analysis of genomic integrity of induced pluripotent stem cells (iPSCs) derived with messenger RNAs and during their differentiation into hepatoblasts</i> Clara Steichen, Université Paris-Sud, INSERM UMR S972</p>	
12:30	Lunch and posters	
15:30 16:30	<p>YOUNG INVESTIGATOR IN GENE AND CELL THERAPY <i>Chair: Els Verhoeyen</i></p> <p>Inv13: <i>Mice humanized for the immune system: construction and applications</i> Nicolas Legrand, Axenis, Institut Pasteur, Paris</p> <p>YIA: <i>Reducing dynamin 2 rescues a severe congenital myopathy in mice</i> Belinda Cowling, IGBMC, Illkirch</p>	
16:30 17:30	<p>ROUND TABLE: ETHICAL CONCERNS IN PLURIPOTENT CELLS Panel: Luc Sensébé, Michel Pucéat, Bettina Couderc, Aurélie Mahalatchimy,</p>	
17:30- 19:30	<p>POSTERS GALA DINNER BEMBERG FOUNDATION (See map at the end of the book)</p>	

WEDNESDAY 26 MARCH

09:00 10:45	<p>CANCER <i>Chair: Louis Buscail, Steve Thorne</i></p> <p>Inv14 <i>Immuno-Oncolytic Viruses as Cancer Therapies</i> Steve Thorne, University of Pittsburgh</p> <p>Inv15 <i>Non viral gene therapy for pancreatic cancer, from preclinical models to phase II clinical trial</i> Pierre Cordelier, INSERM U1037 Toulouse</p> <p>OR12 <i>Targeted oncolytic HSV-1 eradicates experimental pancreatic tumors</i> Marion Gayral, INSERM U1037 Toulouse</p> <p>OR13 <i>Curative vaccination against melanoma in mice by IL12 electro-gene-immuno-therapy.</i> Lise Pasquet, Université Paul Sabatier, CNRS; IPBS, Toulouse</p>	
10.45	Coffee Break	
11:15	SFTCG AWARDS, GENERAL ASSEMBLY, CLOSING WORDS	

