

EDUCATION DAY

10.00 – 17.30, 22 OCTOBER 2010


10.00	Session 1: Vector technology	
	Homologous Recombination <i>Toni Cathomen</i>	1
	Emerging use of transposons for gene therapy <i>Thierry Vandendriessche</i>	2
	Therapeutic exon skipping for DMD <i>AM Aartsma-Rus</i>	3
11.30	Coffee Break	
12.00	Session 2: Cancer immunotherapy	
	Cancer immunotherapy with genetically modified lymphocytes <i>Richard Morgan</i>	4
	Cancer Vaccines <i>Giorgio Parmiani</i>	5
13.00	Lunch	
14.00	Session 3: The hematopoietic system	
	Hematopoietic stem cell transplantation: a platform for cell and gene therapy <i>Fabio Ciceri</i>	6
	Gene therapy of Thalassemia <i>Guilana Ferrari</i>	7
	Gene therapy of lysosomal storage disorders <i>Nathalie Cartier</i>	8
15.30	Coffee Break	
16.00	Session 4: Gene and cell therapy: translational studies	
	Cell transplantation for muscular dystrophy <i>Giulio Cossu</i>	9
	Gene therapy of retinal degeneration <i>Robin Ali</i>	10
	Cell therapy for neuroinflammatory diseases <i>Gianvito Martino</i>	11
17.30	Education Day Close	

OPENING CEREMONY


18.00 – 19.00, 22 OCTOBER 2010




18.00	Keynote Speakers:	
	Philip Greenberg, FHCRC, UW, Seattle	12
	Juan Carlos Izpisúa Belmonte, Salk Institute	13

08.30	Session 5: Clinical trials of cell and gene therapy	
	This session is proudly sponsored by	
	Update on the TK Trial <i>Claudio Bordignon</i>	14
	Clinical trial of hemophilia B with AAV2/8 <i>Amit Nathwani</i>	15
	Gene therapy for Wiskott-Aldrich Syndrome <i>Christof Klein</i>	16
	<i>Proffered papers</i>	17
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10.30 Coffee Break




11.00	Session 6a: Cancer gene therapy	
	This session is proudly sponsored by	
	TCR gene therapy for cancer <i>Miriam Heemskerk</i>	19
	<i>Proffered papers</i>	20
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11.00	Session 6b: AAV and adenoviral vectors	
	This session is proudly sponsored by	
	Adeno-associated viruses and vectors <i>Jude Samulski</i>	24
	<i>Proffered papers</i>	25
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11.00	Session 6c: Genetic Diseases	
	This session is proudly sponsored by	
	Gene therapy for X-linked adrenoleukodystrophy <i>Patrick Aubourg</i>	29
	<i>Proffered papers</i>	30
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12.30 Lunch and Posters

	ESGCT Board Meeting	
14.00	Session 7: Persisting transgenes	
		
	This session is proudly sponsored by	
	Development and application of zinc-finger nucleases <i>Toni Cathomen</i>	34
	Targeted integrations in stem cells <i>Luigi Naldini</i>	35
	Mechanisms of retroviral silencing <i>Didier Trono</i>	36
	<i>Proffered papers</i>	37
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15.30	Coffee Break	
16.00	Session 8a: Gene and Cell Vaccines	
		
	This session is proudly sponsored by	
	T-cell engineering for the treatment of infectious disease <i>Carl June</i>	39
	<i>Proffered papers</i>	40
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16.00	Session 8b: Homologous recombination and targeted integration	
	This session is proudly sponsored by SANGAMO	
	Design and development of ZFN <i>P Gregory</i>	44
	<i>Proffered papers</i>	45
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16.00	Session 8c: Oncolytic vectors	
	Marking and retargeting of therapeutic viruses <i>Len Seymour</i>	49
	<i>Proffered papers</i>	50
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17.30	Close	
19.00	Speaker's Dinner	





08.30	<p>Session 9: Cancer immune gene therapy</p> <p style="text-align: center;">This session is proudly sponsored by ATTACK</p> <p>Auto-reactivity mediated by TCR-transferred lymphocytes 54 <i>Gavin Bendle</i></p> <p>Cancer immunotherapy with T-bodies 55 <i>Martin Pule</i></p> <p>Adoptive immunotherapy with TCR-transferred lymphocytes 56 <i>Hans Stauss</i></p> <p>Immunotherapy for prostate cancer using antigen-loaded APC 57 <i>Eric Small</i></p> <p><i>Proffered papers</i> 58</p>
10.30	<p>Coffee Break</p>
11.00	<p>Session 10a: Gene therapy, immunity and autoimmunity</p> <div style="text-align: right;">  </div> <p style="text-align: center;">This session is proudly sponsored by</p> <p>Strategies to overcome immunity against transgenes 59 <i>Maria Grazia Roncarolo</i></p> <p><i>Proffered papers</i> 60 61 62 63</p>
11.00	<p>Session 10b: Cell and vector manufacturing</p> <div style="text-align: right;">  </div> <p style="text-align: center;">This session is proudly sponsored by</p> <p>Infrastructure requirements for GMP manufacture of GT vectors and GM-cells 64 <i>Odile Cohen-Haguenuer</i></p> <p><i>Proffered papers</i> 65 66 67 68</p>
11.00	<p>Session 10c: Vector integration</p> <div style="text-align: right;">  </div> <p style="text-align: center;">This session is proudly sponsored by</p> <p>Biology of retroviral integration 69 <i>Fulvio Mavilio</i></p> <p>Pre-clinical models of genotoxicity 70 <i>Eugenio Montini</i></p> <p><i>Proffered papers</i> 71</p>

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12.30	Lunch	
12.30	ESGCT General Assembly – all ESGCT members are encouraged to participate	
13.30	Session 11: Stem cell biology	
	This session is proudly sponsored by	
	Exploiting viral integration to analyse stem cell dynamics <i>Christof Von Kalle</i>	74
	Tracking cell lineages in hematopoiesis <i>Sten Eirik Jacobsen</i>	75
	<i>Cardiac stem cells</i> <i>Kenneth R. Chien</i>	76
	<i>Proffered papers</i>	77
15.30	Coffee Break	
16.00 – 18.00	Session 12: Discussion forum on Regulatory affairs <i>Chairs: Klaus Cichutek, Claudio Bordignon</i>	
	This session is proudly sponsored by	
	 Hospital exemption regulation – new options for gene therapy <i>Christian Buchholz</i>	78
	Hospital exemption EU guidelines <i>Klaus Cichutek</i>	79
	EMA guideline on follow up of patients treated with GT products. <i>Cristina Galli (ISS, CAT)</i>	80
	European databases: what can we learn from the “Promise” EBMT database? <i>Carmen Ruiz</i>	81
	Panel Discussion <i>Richard Morgan, Claudio Bordignon, Adrian Thrasher</i>	
17.00 – 18.30	Session 13a: Cell and gene therapy for the central nervous system	
	Gene and cell therapy of neurodegenerative diseases <i>Krystof Bankiewicz</i>	82
	Current Advances in Gene Therapy for Spinal Muscular Atrophy <i>Mimoun Azzouz</i>	83
	<i>Proffered papers</i>	84
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17.00 – 18.30	Session 13b: Cell and gene therapy for infectious diseases	
		

	This session is proudly sponsored by		
	TBD		87
	<i>Proffered papers</i>		88
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17.00 – 18.30	Session 13c: Muscle and cardiovascular gene therapy <i>Chair: Mauro Giacca</i>		
	This session is proudly sponsored by		
	TBD		92
	<i>Proffered papers</i>		93
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18.30	Close		
19.30	Congress Gala Dinner		

08.30	Session 14: Cell and gene therapy for ocular diseases	
	This session is proudly sponsored by	
	Gene therapy of Leber's congenital amaurosis <i>Robin Ali</i>	96
	AAV vectors for gene therapy of retinal degeneration <i>Alberto Auricchio</i>	97
	Corneal regeneration by limbal stem cell transplantation <i>Graziella Pellegrini</i>	98
	<i>Proffered papers</i>	99

10.30 Coffee Break

11.00	Session 15: ESGCT Presidential Symposium	
	<i>Chaired by: Thierry VandenDriessche, Seppo Ylä-Hertualla</i>	
	AdVEGF-D local vascular gene transfer to reduce graft stenosis in dialysis patients <i>Seppo Ylä-Hertualla</i>	100
	Outstanding Achievement Award	101
	Young Investigator Award	102
	Proudly sponsored by	
	Young Investigator Award	103
	Proudly sponsored by	
	Young Investigator Award	104
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	<i>Poster and other presentations</i>	
	Proudly sponsored by	
	Hand over of ESGCT presidency and closing remarks from the outgoing President.	

13.00 Adjourn

14:00 – 19:00	Clinigene Industry Satellite Session – Proudly sponsored by CliniGene	
	See programme here	