

SUNDAY			
Keynote	Marijke Brink	Welcome	18:00 - 18:15
	Gary D Lopaschuk, Edmonton	Energy metabolic phenotype of the cardiomyocyte during development and differentiation	18:15 - 19:00
	<i>introduced by René Lerch</i>		<b>Apero 19:00 - 19:45</b>
Buffet / Dinner			Buffet 19:45 - 22:00
MONDAY			
Tissue engineering and stem cells	<i>Chairs: André G Kléber and Joseph M Metzger</i>		
	Arne Hansen, Hamburg	Fibrin-based engineered heart tissue	8:30 - 9:00
	Dörthe Schmidt, Zurich	A potential life-long available autologous fetal cell source for cardiovascular tissue engineering: cryopreserved amniotic fluid-derived cells	9:00 - 9:30
	Michael R Rosen, New York	From the stem cell to the engineered cardiac pacemaker	9:30 - 10:00
	Adam W Feinberg, Cambridge	Engineering the contractility of cardiac muscle from the sub-cellular to tissue scale	10:00 - 10:30
	Michel Pucéat, Evry	Derivation of cardiac progenitors from human embryonic and induced pluripotent stem cells	10:30 - 11:00
			<b>tea/coffee 11:00 - 11:30</b>
			11:30 - 12:00
Lunch			Lunch 12:30 - 14:00
Stem cells	<i>Chairs: Simon P Hoerstrup and Michel Pucéat</i>		
	Christine Mummery, Leiden	Cardiomyocytes from human embryonic stem cells	14:00 - 14:30
	Otmar Pfister, Basel	The role of ATP-binding cassette transporters in cardiac progenitor cells	14:30 - 15:00
	Mauro Giacca, Trieste	Searching for genes that induce myocardial protection, myocardial repair or neoangiogenesis by in vivo gene transfer using AAV vectors	15:00 - 15:30
	Claudia Lafranchi, Ascona	Welcome speech Centro Stefano Franscini	15:30 - 15:45
Poster session A	Uneven poster numbers	<b>POSTERS - Salla Balint</b>	<b>tea/coffee 15:45 - 16:00</b>
			16:00 - 17:30
Cardiac remodeling	<i>Chairs: Christine Mummery and Otto M Hess</i>		
	Thierry Pedrazzini, Lausanne	Importance of the Notch pathway in cardiac tissue homeostasis	17:30 - 18:00
	Elisabeth Ehler, London	The "sarcomeroskeleton" and its role in myofibrillogenesis	18:00 - 18:30
	Bernd K Fleischmann, Bonn	Role of extracellular matrix components for cardiomyocyte differentiation and function	18:30 - 19:00
Dinner			Dinner 19:30

TUESDAY			
<b>Computational sciences</b>	<i>Chairs: Marcus Schaub and Antoon FM Moorman</i>		
	Colleen E Clancy, New York	Gender difference in cardiac repolarization: a computational study	8:30 - 9:00
	Enno de Lange, Bern	Amplification of alternans and induction of conduction block by supernormal conduction	9:00 - 9:30
	Yoram Rudy, St. Louis	In vivo imaging of human cardiac electrical excitation	9:30 - 10:00
			<b>tea/coffee 10:00 - 10:30</b>
<b>Novel regulatory mechanisms</b>	Hugues Abriel, Lausanne	Ubiquitylation of cardiac ion channels	10:30 - 11:00
	Christian Zuppinger, Bern	Cardiotoxicity of cancer therapy and survival pathways in the myocardium	11:00 - 11:30
	Stefan Engelhardt, München	Role of microRNAs in cardiac growth control	11:30 - 12:00
Lunch			Lunch 12:30 - 14:00
<b>Novel regulatory mechanisms</b>	<i>Chairs: Marijke Brink and René Lerch</i>		
	Gianluigi Condorelli, Rome	MicroRNA and myocardial diseases	14:00 - 14:30
	Jaya Krishnan, Zurich	Activation of a HIF1 $\alpha$ -PPAR $\gamma$ axis underlies the integration of glycolytic and lipid anabolic pathways in pathologic cardiac hypertrophy	14:30 - 15:00
	Joseph M Metzger, Minneapolis	Reversal of fortunes in regulating calcium handling for heart performance	15:00 - 15:30
Delea		Departure for winetasting	15:45
Dinner			Dinner 19:30

WEDNESDAY				
	<i>Chairs: Jean-Claude Perriard and Thierry Pedrazzini</i>			
<b>Developmental biology</b>	Jeffrey Robbins, Cincinnati	Progenitor cell populations in the heart; the birth of a syndrome		8:30 - 9:00
	Maximilian Posch, Berlin	A gain-of-function TBX20 mutation causes human congenital cardiac atrial septal and valve defects		9:00 - 9:30
	José Luis de la Pompa, Madrid	Notch signaling in cardiac development		9:30 - 10:00
				<b>tea/coffee 10:00 - 10:30</b>
	Antoon FM Moorman, Amsterdam	A caudal proliferating growth center contributes to both poles of the forming heart tube		10:30 - 11:00
	Anne-Claire Guénantin, Evry	Pluripotent stem cells: a cell model of laminopathies : Large scale genetic and epigenetic study, the search for new therapeutic targets		11:00 - 11:30
	Deepak Srivastava, San Francisco	MicroRNA regulation of cardiac cell fate and morphogenesis		11:30 - 12:00
Lunch				Lunch 12:30 - 14:00
	<i>Chairs: Hans Eppenberger and Bernd Fleischmann</i>			
<b>Developmental biology and cell-to-cell interactions</b>	Bram van Wijk, Amsterdam	Epicardial cells separate from the myocardial lineage under influence of FGF-signaling via Mek1/2		14:00 - 14:30
	Stephan Rohr, Bern	Heterocellular crosstalk between myofibroblasts and cardiomyocytes		14:30 - 15:00
	Catherine Rücker-Martin, Paris	Both cardiac myocytes and fibroblasts drive cardiac progenitors differentiation in an ex vivo model of cell therapy		15:00 - 15:30
<b>Poster session B</b>	Even poster numbers	<b>POSTERS - Salla Balint</b>		<b>tea/coffee 15:30 - 16:00</b> 16:00 - 17:30
	<i>Chairs: Colleen E Clancy and Adam W Feinberg</i>			
<b>Cell-to-cell interactions</b>	André G Kléber, Bern	Effect of heterogeneous connexin 43 expression on cell-to-cell communication and impulse propagation in murine synthetic cardiac ventricular tissue		17:30 - 18:00
	Craig T January, Madison	Rescue of mutated cardiac ion channels through interventions on trafficking		18:00 - 18:30
	Jeffrey E Saffitz, Boston	Disease mechanisms in arrhythmogenic cardiomyopathy		18:30 - 19:00
Dinner	Departure for workshop dinner			19:15