

CARDIOVASCULAR CELL & GENE THERAPY CONFERENCE IV - AGENDA

The W New York Hotel

New York, NY

April 11-13, 2008

FRIDAY, APRIL 11, 2008

1:00 PM	Valentin Fuster	Introductory Remarks
	Session	Viral Vectors for Cardiovascular Diseases (Chairs: R.J. Samulski & J. Wil
	Speaker	Title
1:30 PM	James Wilson	Biology of AAV vectors for treatment of cardiovascular diseases
1:50 PM	R. Jude Samulski	Chimeric AAV vectors with heart tropisms
2:10 PM	Barry London	Inflammation from adeno-associated viral gene delivery to the heart
2:30-3:30 PM	Break/Poster Viewing	
	Session	Stem Cells I (Chairs: R. Bolli & M. Sussman)
	Speaker	Title
3:30 PM	Roberto Bolli	Cell therapy for repair of myocardial infarction
3:50 PM	Ronglih Liao	TBD
4:10 PM	Mark Sussman	Cardiac stem cells engineered to enhance myocardial regeneration
4:30 PM	Sean Wu	Turning skin into heart - multipotent cardiac progenitors from iPS cells
5:10 PM	Ihor Lemischka	Dissecting cell fate regulation in stem cells
5:30-6:30 PM	Break/Poster Viewing	
6:30 PM	Cocktails	
7:30 PM	Dinner	

SATURDAY, APRIL 12, 2008

	Session	Targets I (Chairs: D. Lebeche & T. Force)
	Speaker	Title
8:00 AM	Stefan Engelhardt	Novel mechanisms in cardiac growth control
8:20 AM	Yibin Wang	Novel protein phosphatases as targets of cardiac therapy
8:40 AM	Thomas Force	Novel mechanisms regulating hypertrophy and ischemic injury
9:00 AM	Woo Jin Park	PICOT as an endogenous inhibitor of cardiac hypertrophy
9:20 AM	Jeffrey Molkenin	PKCa as a gene therapeutic target in heart failure
10:00-11:00 AM	Break/Poster Viewing	
	Session	Imaging & Tissue Engineering (Chairs: Z. Fayad & A. Schecter)
	Speaker	Title
10:40 AM	Hina Chaudhry	Fetal maternal stem cell transfer into myocardium
11:00 AM	Joseph Wu	Imaging of gene and cell therapy
11:20 AM	Hung Ly	Cardiac cell-based therapy: Insights from cell tracking with near-infrared fluore
11:40 AM	Thomas Eschenhagen	Engineered heart tissue for cardiac repair and drug screening
12:00 PM	Zahi Fayad	Atherosclerosis imaging: From anatomy to molecule
12:30-2:00 PM	Lunch Seminar	
12:30-1:30 PM	Sonia Skarlatos & Stephen Mockrin	Special Lecture: Gene and cell-based programs at the NHLBI
1:30-2:00 PM	Jeffrey Beecham	Special lecture: Developing low cost cGMP and GLP Compliance System

	Speaker	Title
2:00 PM	Charles Murry	Human embryonic stem cells for cardiac repair
2:20 PM	Douglas Losordo	Autologous CD34 and cell therapy for peripheral arterial disease
2:40 PM	Michael Schneider	Cardiac myogenesis in embryonic stem cells
3:00 PM	Jonathan Epstein	Notch signaling and cv development
3:20 PM	Sian Harding	Maturation of human embryonic stem cell-derived cardiomyocytes in culture

4:00-4:30 PM Break/Poster Viewing

	Session	Targets II (Chairs: F. del Monte & H. Rockman)
	Speaker	Title
4:30 PM	Howard Rockman	Gene deletion screens for dilated cardiomyopathy
4:50 PM	Gerald Dorn	Backwards regeneration: myocardial salvage by blockade of stimulus-specific c
5:10 PM	Jeffrey Robbins	Protein conformation and cardiomyopathy; potential targets
5:30 PM	Hunter Champion	TBD
5:50 PM	Bruce Gelb	RAS pathway defects: Congenital heart defects and hypertrophic cardiomyopat
8:00 PM	Faculty Dinner	

SUNDAY, APRIL 13, 2008

	Session	Stem Cells III (Chairs: P. Anversa & V. Dzau)
	Speaker	Title
8:00 AM	Bernhard Kuhn	Periostin induces proliferation of differentiated cardiomyocytes and promotes c
8:20 AM	Piero Anversa	Mechanisms of cardiac repair
8:40 AM	Victor Dzau	Auto/paracrine mechanisms in stem cell biology and tissue repair: the critical rc

9:00 AM	Marc Mercola	Discovery of natural and synthetic molecules for stem cell cardiogenesis
9:20 AM	Stefanie Dimmeler	Cell enhancement strategies for cardiovascular repair

10:00-10:30 AM Break/Poster Viewing

Session Clinical Gene & Cell Therapy (H. Drexler & R. Hajjar)

Speaker Title

10:30 AM	Helmut Drexler	Paracrine factors released from bone marrow cells from patients post-MI
10:50 AM	Stefan Janssens	Integrated strategies to enhance progenitor cell homing in the infarcted myocardium
11:10 AM	Joshua Hare	TBD
11:30 AM	Roger Hajjar	Clinical gene therapy for heart failure
11:50 AM	Andreas Zeiher	Progenitor cell therapy in acute myocardial infarction: Determinants and prediction

12:30-1:30 PM Lunch Seminar

1:00-1:30 PM Krisztina Zsebo Special lecture: Biotechnology perspective in cell and gene therapy

1:30 PM Presentation of the Jeffrey Isner Award

Session Tagets III (Chairs: W. Koch & E. Kranias)

Speaker Title

2:00 PM	Walter Koch	GRK's as targets for heart failure therapy
2:20 PM	Anne-Marie Lompre	SERCA2a gene transfer prevents restenosis
2:50 PM	Fadi Akar	Targeting arrhythmias using cell and gene-based approaches - Can we reverse remodeling?
3:00 PM	David Rosenbaum	Targeted gene therapy to suppress arrhythmogenic substrates
3:20 PM	Evangelia Kranias	Targeting calcium cycling as a therapeutic modality in heart failure

Roger Hajjar Concluding remarks

ogy of heart failure?