

# **THI INTERNATIONAL SYMPOSIUM ON CARDIOVASCULAR REGENERATIVE MEDICINE**

**Friday, September 15, 2017**

**7:00-7:50 Registration/Continental Breakfast**

**Welcome :** Emerson Perin/ Doris Taylor

**7:55-8:00am**

**OPENING SESSION:** Chair: James T. Willerson

**8:00am-8:40am**

(20 min) Innovation in CV Medicine William Cohn

(20 min) A perspective on Regenerative Medicine Marc Penn

**SESSION I: Regulatory** Chair: Emerson Perin

**8:45am- 9:45am**

(15 min) The case for approval in Refractory Angina- Timothy Henry

(15 min) Netherlands approval for BM in refractory angina – Douwe Atsma

(15 min) State of Texas and cell therapy: “Charlies Law” – Rep. Bettencourt

(15 min) Regulatory Perspective on Regenerative Approaches to Cardiovascular Disease – Steve Winitsky

**Focused Discussion:** What is required to support a regulatory submission in CV regenerative medicine?

**9:45am- 10:15am**

Moderator: Jonathan Seltzer

Timothy Henry, Douwe Atsma, Steve Winitsky, Thomas Povsic

**ROUNDTABLE: Regulatory Debrief**

**10:15 – 11:00**

**Moderator:** Mitchell Krucoff

Francisco Fernandez- Aviles/ Carl Pepine/ Thomas Povsic/ Steve Winitsky/ Roberto Bolli/ Timothy Henry/ Marc Penn/ Jonathan Setlzer/Keith March

**Break 11:00-11:15**

**Special Lecture: Endpoints** Chair: Tim Henry

(20 min) The unmeasured clinical signal: trial analysis and endpoints - Lem Moye

(20 min) Endpoints of the future - Milton Packer

(20 min) **Panel Discussion:** Emerson Perin/ Tim Henry/ Phil Yang/ Stefan Janssens/ Tom Posvic/Carl Pepine/

**Lunch**

**12:15-1:00 Tactics update** Dr. Francisco Fernandez-Aviles (15 min)

**SESSION II: Heart Failure: the big target for CV regenerative therapy.**

**1:00pm-2:00pm**

State of the Field Chair: Ricardo Sanz-Ruiz

(10 min) MPC's and the DREAM-HF trial Emerson Perin

(10 min) Ixymyocel - Amit Patel

(10 min) Chart-1 - Jozef Bartunek

(10 min) Hope/Allstar - Timothy Henry

(10 min) CardiAMP - Eric Duckers

(10 min) Concert-HF Josh Hare

**Roundtable: Heart Failure Debrief:** Moderator: John Martin

**2:00- 2:45**

## **THI INTERNATIONAL SYMPOSIUM ON CARDIOVASCULAR REGENERATIVE MEDICINE**

Safety issues, study design, patient recruitment. Lessons learned from current development and the future of clinical trials in cell therapy.

Speakers + Andres Zieher/ Thomas Povsic/ Leslie Miller/ Steve Winitzski/Lem Moye/ Bojan Vtrovec

**Break:** 2:45-3:00

**Session III: Unresolved Issues** Chair: Giulio Pompilio and Doris Taylor

**3:00pm-4:40pm**

(20 min) Many basic scientists don't support clinical cell therapy. Should they? Mark Sussman

(20 min) What about AMI? BAM! – 2 years in would I do it all over again? Andreas Zeiher

(20 min) Making a comeback: The persistence of Gene Therapy. Roger Hajjar

(20 min) LVAD, HFpEF, Women: Do we need to choose different patients? Leslie Miller

**Discussion:**

(20 min) Chairs, Speakers / Francisco Aviles/ Douwe Atsma/ Keith March

**Special Lectures II: An outside Perspective**

**4:40-5:00pm** Chair: Emerson Perin

(20 min) Thinking out of the box, especially someone else's – examples from stem cell therapy. Alan Tynndall

**Saturday, September 16, 2017**

**SESSION III: New Concepts** Chair: Stefan Janssens

**8:30am-10:30am**

(15min) State of art patches vs. gels for cardiac repair Karen Christman

(15 min) Mechanics of reverse remodeling Randall Lee

(15 min) Discussion

(20 min) Feasibility of miRs vs. antagomiRs – Stefanie Dimmeler

(20 min) Cell and Gene Combinations M Kutrick

(15 min) Discussion

(20 min) Bio-banking – mechanistic insights. Doris Taylor

(20 min) Transflammasome: a unifying model of repair. John Cooke

(15 min) Discussion

**Break** 10:30-10:45

**Session IV: Exosome Roundtable: 3 perspectives** Chair: Stephanie Dimmler

**10:45 am-12:00am**

Talk 1: Phillip Yang (what are the questions)

Talk 2: Philippe Menasche (why embryonic)

Talk 3: Stefan Janssens

**Panel Discussion:** Speakers + Carl Pepine/ Roberto Bolli/ Leslie Miller/ Tim Henry/ Joseph Bartunek/ Keith March

**Lunch**

**12:00-12:30**

**SESSION V: New Applications** Chair: Jay Traverse

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### **12:30am – 1:50pm**

(10 min) AIC - JB Durrand

(10 min) Anti-aging - Marc Penn

(10 min) AAA – Mike Murphy

(10 min) SDF-1 in PAD – M. Shishehbor

(10 min) Intermittent Claudication E Perin

(10 min) Stroke Athersys – Robert. W. Mays

(10 min) NICM - Bojan Vrtovec

(10 min) Fontan pump Doris Taylor

**Panel Discussion:** The Future of cell therapy Moderator: John Cooke

1:50-2:30

Speakers + Roger Hajjar/ Phillipe Menache/ Phil Yang/ Stephan Janssens/ Stephanie Dimmler/

**Closing Session** What is the agenda for the next 2 years Chair: Jim Willerson

**2:30- 3:20**

(20 min) The CV regenerative field 2017: Cons and solutions. Anthony Mathur

(10 min) Regulations changing Tom Posvic

(10 min) What is our responsibility as a field for next 2 years? Roberto Bolli

(10 min) Perception and Reality Emerson Perin

**CLOSING REMARKS:** Emerson Perin/Doris Taylor

**3:30**