



# **Progress Meeting on International Consortium for Cardiac Tissue Engineering**



**August 19-20, 2013**

Helsinki Academic Medical Center  
Helsinki University Central Hospital



## Core Institutions and Group Leaders



### **Osaka University Graduate School of Medicine**

Department of Cardiovascular Surgery  
Head: Prof. Yoshiki Sawa



### **Hannover Medical School**

Department of Cardiac, Thoracic, Transplantation  
and Vascular Surgery  
Head: Prof. Axel Haverich



### **Helsinki Academic Medical Center**

HUCH Heart and Lung Center  
Department of Cardiothoracic Surgery  
Head: Prof. Ari Harjula



## Monday, August 19<sup>th</sup> 2013

- |                      |   |
|----------------------|---|
| 10.00                | See you at The Katajanokka Terminal   |
| <b>11.15 – 12.30</b> | <b>Lunch</b>  |
| 11.30                | Viking XPRS leaving for Tallinn   |
| 12.30 - 12.45        | Welcome – <b>Ari Harjula</b>  |
| 12.45 - 14.00        | Coordinator greetings<br><b>Shigeru Miyagawa</b><br><b>Andres Hilfiker</b> - Development of xenoantigen reduced heart valve matrices<br><b>Masamichi Ono</b><br><b>Esko Kankuri</b> |
| 14.00                | Arrival in Tallinn  |
| 14.15 – 15.30        | Guided tour in Tallinn Old Town   |
| 15.30 – 17.30        | Free time   |
| 17.30                | Check-in in Tallinn Harbor (A-terminal)   |
| 18.00                | The ship will leave for Helsinki  |
| 20.30                | Arrival in Helsinki   |



**Tuesday, August 20<sup>th</sup> 2013**

**Helsinki University Meilahti Hospital  
Meeting Room Arvo, Building 7, Stenbäckinkatu 9 A, 3<sup>rd</sup> floor**

**Presentations 15 min + discussions 5 min**

09.00 - 09.10	Opening and welcome – professor <b>Ari Harjula</b>
09.10 – 09.30	<b>Shunsuke Saito</b> – In-vivo integration of pluripotent stem cell –derived bioartificial cardiac tissue Consortium Up-date
09.30 – 09.50	<b>Antti Siltanen</b> – After my PostDoc period in Osaka: results and future plans
09.50 – 10.10	<b>Yukiko Imanishi</b> – Inflammatory stimuli promote tumorigenesis in p53-deleted bone marrow stroma cells with inducible nitric oxide synthase expression
10.10 - 10.30	<b>Outi Villet</b> – Vascular supply to myocardial combination with cell therapy
10.30 - 10.50	<b>Satsuki Fukushima</b> –TBA
10.50 – 11.10	<b>Milla Lampinen</b> – Autologous atrial appendage derived cells (AADCs)
11.10 – 11.30	<b>Annu Nummi</b> – Clinical use of AADCs for heart failure patients
11.30 – 11.50	<b>Miia Lehtinen</b> – Methods of evaluation of cell therapy efficacy
11.50 - 12.10	<b>Tommi Pätilä</b> – Critical evaluation of clinical research in cardiothoracic surgery in Helsinki
12.10 - 12.30	Discussion
<b>12.30 - 13.30</b>	<b>Lunch</b>
13.30 – 13.50	<b>Marco Lux</b> - Effects of mechanical stimulation on the maturation of bioartificial heart tissue in a novel bioreactor
13.50 – 14.10	<b>Karolina Theodoridis</b> - Investigation of regenerative capacities in the elderly sheep upon implantation of semilunar heart valve matrices
14.10 - 14.30	<b>Antti Vento</b> – Novel methods within the grasp for the cardiothoracic surgeon
14.30 – 14.50	<b>Pekka Hämmäinen</b> – Cardiac transplantation in Helsinki – update and future prospects
<b>14.50 – 15.20</b>	<b>Coffee break</b>
15.20 – 15.40	<b>Masamichi Ono</b> – Funding for Core-to-Core Program
15.40 - 16.30	<b>Ari Harjula</b> - Conclusion and free discussion
<b>18.00</b>	<b>Dinner</b>



***Wednesday, August 21<sup>st</sup> 2013***

***Departures***

Venue on Tuesday, 20<sup>th</sup> August, 2013  
 Meeting room Arvo, Building 7,  
 Stenbäckinkatu 9 A, 3<sup>d</sup> floor



*Meilahden sairaala-alue*

- 1 Meilahden tomisairaala
- 2 Syöpätautien klinikka
- 3 Meilahden kolmiosairaala
- 5 Hallintokeskus

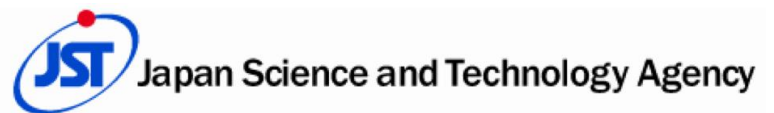
- 6 Materiaalikeskus
- 7 Palvelukeskus
- 8 Kiinteistöhuolto
- 9 Naistenklinikka
- 10 Korva-, nenä- ja kurkkutautien klinikka

- 11 Silmätautien klinikka
- 12 Haartmanin sairaala
- 13 Turvakeskus
- 14 Terveystieteiden keskuskirjasto
- 19 Psykiatrian poliklinikat

- 20 Voim
- 21 Biom
- 22 Biom
- 23 Laste
- 24 Laste

*This meeting was made possible by support of our funding institutes.*

*Thank you!*



**Sydäntutkimussäätiö**

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Stiftelsen för hjärtforskning

Finnish Foundation for Cardiovascular Research