

## 8th SWISS EXPERIMENTAL SURGERY SYMPOSIUM Geneva, 19-20 January 2012

### Animal Models for Organogenesis

#### - HANDS-ON WORKSHOP -

**Thursday, 19 January ( CMU – Room D60, 1st floor)**

- 13h00 – 13h30 *Registration of pre-registered participants for the Hands-on Workshop*
- 13h30 – 14h00 **INTRODUCTION** (CMU, Room No: D60) *P. Meda  
B.H. Walpoth*
- 14h00 – 18h00 **HANDS-ON WORKSHOPS** (10 workshops @ 6 people)
- CHIREX ➤ Acute myocardial infarction for cardiac regeneration & hemodynamic studies *S. Gardier, X. Belin*
- CHIREX ➤ Vascular tissue engineering in the rat *T. Sologashvili, J.-P. Giliberto*
- Room 1209 ➤ High resolution ultrasound for non-invasive cardiovascular assessment *S. de Valence / K. Suppelt & P. Trochet (Visualsonics)*
- Room D60 ➤ TAVI virtual patient: an example for the 3R rule *M. Cikirikcioglu / B. Frick (Medtronic)*
- Room 1384 ➤ Surgical training with the Da Vinci robot *F. Pugin, A. Coluccia*
- Room 2007 ➤ Real time NIR in vivo imaging *J. Schlegel (Biolnnovas)*
- Room 2021 ➤ Labmaster (in vivo phenotyping) *S. Velazquez-Garcia*
- Room 5005 ➤ Bioluminescence *L. Vinet*
- Room 5005 ➤ Micro CT *J. Lyautey*
- Room 5005 ➤ ECHO MRI *J. Altirriba-Gutierrez*
- Room 5000 ➤ MRI /PET Studies (*presentation only*) *S. Lampranou, P. Meda*
- Room 5000 COFFEE AVAILABLE (14h – 18h)
- 19h00 **Get-together DINNER** (*for those previously registered for the dinner*)  
*Café Restaurant des Philosophes  
5 rue Prévost Martin, 1205 Genève  
Tel : 022 320 54 77*

#### ORGANISERS

##### Contact

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##### Contact & Registration

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*½ day accreditation by the VSKT / ASVC*

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# 8th SWISS EXPERIMENTAL SURGERY SYMPOSIUM

Geneva, 19-20 January 2012

## Animal Models for Organogenesis

**Friday, 20 January ( HUG – Marcel Jenny )**

08.00	<b>Registration</b>	
08.30	<b>Welcome Address</b> <b>Introduction</b>	<i>P. Hoffmeyer, Geneva</i> <i>P. Meda, Geneva</i>
08.40 – 10.00	<b>EXPERIMENTATION &amp; ANIMAL MODELS</b> <i>Chairmen: A. Rod, I. Desbaillets</i>	
	➤ 3R Rules in 2012	<i>M. Gyger, Lausanne</i>
	➤ How does the new Federal veterinary law impact Organogenesis studies?	<i>L. Quignodon, Geneva</i>
	➤ Rebuilding lost cell populations	<i>P. Herrera, Geneva</i>
10.00 – 10.30	<b>Coffee break &amp; Exhibition</b>	
10.30 – 11.45	<b>IN SILICO / IN VITRO / SURGICAL ANIMAL MODELS</b> <i>Chairmen: B. Imhof, M. Moeller</i>	
	➤ Engineering a 3D bone organ	<i>I. Martin, Basel</i>
	➤ 3D nano structure modification in Vascular Tissue Engineering	<i>S. de Valence, Geneva</i>
	➤ Micro-PET assessment of experimental myocardial ischaemia	<i>W. Mrowczynski, Poznan</i>
11.45 – 12.15	<b>Basic Science Lecture</b> <i>Chairmen: B.H. Walpoth, M-L. Piallat</i>	
	➤ Biology guiding morphogenesis	<i>J. Hubbell, Lausanne</i>
12.15 – 13.30	<b>MODERATED POSTER SESSION (Lunch)</b> <i>Chairmen: C. Gonelle, J-C. Tille</i>	
13.30 – 14.45	<b>TRANSLATIONAL ANIMAL MODELS</b> <i>Chairmen: P. Meda, R. Rieben</i>	
	➤ <i>Xeno transplantation - Quo Vadis?</i>	<i>L. Buhler, Geneva</i>
	➤ Myocardial recovery studies	<i>W. Mohl, Vienna</i>
	➤ Repair of cartilage injury	<i>J. Menetrey, Geneva</i>
14.45 – 15.15	<b>Coffee break and Exhibition</b>	
15.15 – 15.45	<b>2nd Christian Klaiber lecture</b> <i>Chairmen: B. Egger, M. Cikirikcioglu</i>	
	➤ Robotics for Surgery and Transplantation	<i>P. Morel, Geneva</i>
15.45 – 17.00	<b>CLINICAL IMPLEMENTATION IN ORGANOGENESIS</b> <i>Chairmen: M. Licker, E. Khabiri</i>	
	➤ Overview of cardiovascular Organogenesis	<i>B. H. Walpoth, Geneva</i>
	➤ When experiments in the human precede studies in the animal	<i>J.-Ph. Guyot, Geneva</i>
	➤ Real Time 3-D Imaging in the Operating Room	<i>O. Ratib, Geneva</i>
17.00-17.15	<b>Evaluation &amp; Poster Award</b> <b>Closing Remarks</b>	<i>B. H. Walpoth, Geneva</i> <i>P. Meda, Geneva</i>

**1 day accreditation by the VSKT / ASVC**

[www.sess2010.unige.ch](http://www.sess2010.unige.ch)



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