

Mini-symposium and Educational meeting

Cardiac Ion Channel Regulation

Lausanne, Switzerland, Thursday 11 & Friday 12 October, 2007

11 October, 2007 – Hôpital orthopédique, Auditoire Placide Nicod

WELCOME

9:30 Jean-Daniel Horisberger (Vice Dean of Research, Faculty of Biology and Medicine, University of Lausanne)

INTRODUCTORY LECTURE

9:45 David McKinnon (New York, USA): "Regulation of ion channel expression"

TRANSCRIPTIONAL REGULATION OF CARDIAC ION CHANNELS

(Chair: Marcus Schaub, Zürich)

10:30 Sophie Demolombe (Nantes, France): "Regulation of ion channel subunits in cardiac electrical plasticity and remodeling: a comprehensive transcriptomic approach"

11:10-11:30 Coffee and croissants

11:30 Alex Baertschi (Geneva): "Co-regulation of metabolically coupled potassium channels and metabolic genes in silico, in vitro, and in vivo"

POST-TRANSLATIONAL REGULATION OF CARDIAC ION CHANNELS

(Chair: André Kléber, Berne)

12:10 Stéphane Hatem (Paris, France): "Regulation of plasma membrane expression of potassium channels in cardiac myocytes"

12:50 Thomas Jespersen (Copenhagen, Denmark): "Post-translational regulation of KCNQ1 potassium channel"

13:30-14:30 Lunch (cafeteria of Hôpital orthopédique)

JOURNAL CLUBS Location: Bugnon 27, seminar rooms

14:30-18:00 With the invited speakers and the students of the CVM PhD Program and the SCRTN network

19:00 Dinner

All speakers and students are invited to share a dinner at the MC's restaurant.

12 October, 2007 – Dpt of Pharmacology and Toxicology, Bugnon 27

WORKSHOPS For the SCRTN network students

9:00-13:00 (in rotation)

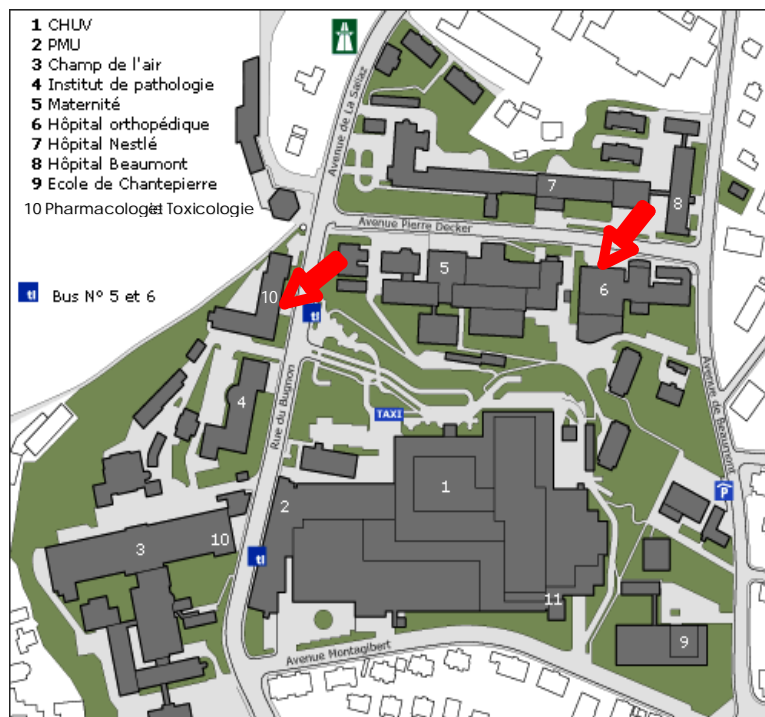
Workshop 1 - Alex Baertschi & Pierre Philip-Couderc, Geneva:
"In silico analyses of promoter regions of cardiac ion channel subunits"
Location: Bioinformatic room, Bugnon 27

Workshop 2 - Jan Kucera & Enno de Lange, Berne:
"Modelisation of ion channel function and dysfunction"
Location: Room 219, Bugnon 27

Workshop 3 - Hugues Abriel, Lausanne:
"Voltage-clamp recordings of potassium and sodium channels"
Location: Room 223, Bugnon 27

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Locations

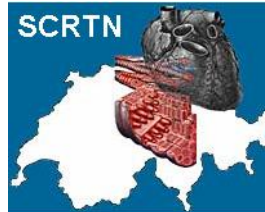


Organizers H. Abriel (Lausanne), J.-P. Kucera (Berne), A. Baertschi (Geneva)

Secretary Elena Martinez, Secretary of the Cardiovascular and Metabolism PhD Program, Décanat de la Faculté de biologie et de médecine, rue du Bugnon 21, CH-1005 Lausanne.
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Under the auspice of

- The Swiss Cardiovascular Research and Training Network - SCRTN
- the Cardiovascular and Metabolism PhD Program (UNIL-UNIGE-UNIFR)
- The CardioMet Center (UNIL-CHUV)



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REGISTRATION FORM

First Name:	Last Name:
Full address:	
Phone:	Email:
I'm a CVM PhD student (yes/no):	I'm a SCRTN student (yes/no):
I will attend the lunch* on October 11 (yes/no):	
I will attend the dinner* on the evening of October 11 (yes/no):	
I will attend the workshops on October 12 (yes/no):	

* Lunch and dinner are free of charge.

Thank you to fill in and send the registration form before 15 September 2007, by mail or email to:

Elena Martinez,
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