

Événement de Formation pour Doctorants

Rencontre scientifique «Nantes-Lausanne»

vendredi 4 juin 2010

Auditoire B, Bâtiment Génopode, Université de Lausanne, Dorigny

Organisateurs : Profs. D. Diviani, Th. Pedrazzini, B.Thorens

08:45 Accueil – Introduction

09:00 Session 1: Cardiovasculaire (10 min. présentation, 5 min. discussion)

- D. Bezieau:** Cav1.2 mutation association with systemic carnitine deficiency and short QT syndrome without dilated cardiomyopathy
- M.-Y. Amarouch:** Nav1.5 hypersensitivity responsible for severe ventricular arrhythmias originating from the left fascicular-Purkinje
- L. Sintra Grilo:** Stereo selective block of hERG1 channel by bupivacaine scrutinized at molecular level
- S. Chatel:** A new gene in Brugada syndrome & in congenital atrio-ventricular block
- C. Ore Cerpa:** Biological pacemaker engineered by non-viral gene transfer of HCN1-HCN2 channel in mouse

10:15 Pause : café-croissants

10:45 Session 2: Cardiovasculaire (10 min. présentation, 5 min. discussion)

- B. Chatin:** Induced pluripotent stem cells generation without genetical modifications
- I. Pezzuto:** Differential miRNAs & target gene expression in embryonic stem cells lacking the Notch1 receptor
- E. Vessières:** Cyclooxygenase-2 reduces inward remodelling induced by a chronic blood flow reduction in old obese Zucker rats resistance arteries
- A. Lardeux:** Mutations of Filamin A associated with Myxomatous Valvular Dystrophy: effects on cellular migration
- H. Khalil:** Role of the RasGAP fragment N in oxidation-induced stress in cardiomyocytes

12:00 Repas (buffet froid): Auditoire Génopode

13:00 Session "posters"

14:00 Session 3 : Métabolisme (10 min. présentation, 5 min. discussion)

- D. Favre:** Induction of the transcriptional repressor ICER is a leading cause of β -cell failure evoked by oxidative stress
- D. Martin:** Expression of the Forbidden Gene REST Ensures the Identification of Genes Essential to Pancreatic Beta Cells
- H. Modi:** Glucagon-like Peptide-1 Increases β -Cell Glucose
- I. Guessous:** Association of conventional and non-conventional cardio-metabolic risk factors and serum calcium
- B. Barreau:** DNA VACCINE

15:15 Pause

15:45 Session 4 : Cardiovasculaire (10 min. présentation, 5 min. discussion)

- J. Bregeon:** Deficiency in RhoA Guanine Exchange Factor Arhgef1 prevents type 1 diabetes-induced hypertension
- L. Cariolato:** Characterization of novel hypertrophic pathways activated by the AKAP-Lbc signalling complex in cardiomyocytes
- A. Laverrière:** Genetic inactivation of GLUT 9 in the mouse induces massive hyperuricosuria and urate nephropathy
- N. Merlet:** Cardiac beta-adrenergic remodelling at first stages of doxorubicin-induced dilated cardiomyopathy
- S. Pedretti:** Crosstalk between JAK2/STAT3 & RISK pathways in the anoxic-reoxygenated embryonic heart model

17:00 Fin de la partie scientifique

17:15 Discussion de collaboration – Salle 2205 (Bâtiment Génopode)

18:15 Fin