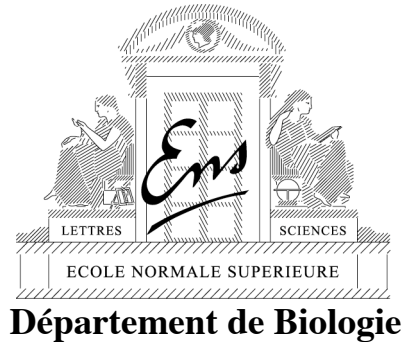


# Program VerMIDI X (2007)

January 12<sup>th</sup>, 2007  
Ecole Normale Supérieure



## **Session I (10h-11h)**

**Julien Mouysset :** The Ubiquitin-Selective Chaperone CDC-48/p97 Links Myosin Assembly to Human Myopathy.  
Equipe Hoppe

**Sophie Jarriault :** *C. elegans* as an *in vivo* Model to Elucidate the Mechanisms of Trans-differentiation.  
Equipe Jarriault

**Thomas Simonet :** Fonctions antagonistes des protéines HPL/HP1 et SET-2/SET1 au cours du développement chez *C. elegans*.  
Equipe Palladino

## **Pause/Break (11h00-11h20)**

## **Session II (11h20-12h30)**

**Marie Gendrel:** *lev-9*, a novel player in acetylcholine receptor clustering at neuromuscular junctions.  
Equipe Bessereau

**Maïté Carre-Pierrat:** Blocking of striated muscle degeneration by serotonin in *Caenorhabditis elegans*.  
Equipe Ségalat

### **Technical presentations:**

**Equipe Ségalat:** The *Mos1* insertion library

**Valérie Robert:** *MosTIC*: targeted engineering of the *Caenorhabditis elegans* genome following *Mos1*-triggered chromosomal breaks.  
Equipe Bessereau

## **Hybrigenics**

## **Déjeuner/démonstrations/Posters (12h30-14h)**

### **Session III(14h-15h20)**

**Pascal Sauvage**, C. Py, Jean-Marc di Meglio: Mechanical analysis of *C. elegans* locomotion : crawling, trashing and transitions.

Equipe di Meglio

**F. Wissler**: Christelle Gally, Michel Labouesse : Spatiotemporal contribution of myosin-2 to actomyosin dynamics during *C.elegans* elongation.

Equipe Labouesse

**Hala Zahreddine**: The VAB-10 spectraplakin provides a platform at cell-ECM junctions to the action of the Rho-kinase, PAK-1 and the myosin phosphatase in myosin II activation.

Equipe Labouesse

**Christian Braendle**: Robustness and evolution of *Caenorhabditis* vulval development.

Equipe Félix

### **Pause/Break (15h20-15h40)**

### **Session IV(15h40-17h)**

**Steve Garvis** : *Caenorhabditis elegans* screen reveals a role for chemotaxis in *Pseudomonas aeruginosa* virulence.

Equipe Filloux

**Olivier Zugasti** : Non canonical TGF-beta signalling in the antifungal defence.

Equipe Ewbank

**Sophie Cypowyj** : Les nipi's dans la cascade d'activation des peptides antimicrobiens.

Equipe Ewbank

**Christian Néri**: Réseaux de signalisation impliqués dans la réponse cellulaire au stress produit par les protéines de maladies dégénératives humaines.

Equipe Néri

## Posters

**Alex Parker**, Beate Gerstbrein, Emmanuel Lambert, Marilyne Mage, Cendrine Tourette, Alexandre Heissat, Joel Premont, and Christian Néri  
Regulation and mechanisms for sirtuin-FOXO mediated protection against mutant polyglutamines

**Beate Gerstbrein** and Christian Néri  
Expression of mutant huntingtin protein and neuronal physiology in *C. elegans*

**Hélène Catoire**, Matthieu Pasco, Aida Abu-Baker, Sébastien Holbert, Guy Rouleau, Alex Parker, and Christian Néri  
Studying mutant polyalanine toxicity in *C. elegans* and mammalian model systems

**Cendrine Tourette**, Anne Louise, Alex Parker, Alexandre Heissat, and Christian Néri  
Oligonucleotide microarray analysis of *C. elegans* neurons expressing mutant polyglutamines

**Marie Delattre** (Equipe Félix)  
Evolution of the antero/posterior polarization in early nematode embryos

**Simon Baeriswyl** (Equipe Matic)  
Live dead scoring, towards a new approach" par Simon Baeriswyl

## Hybrigenics

