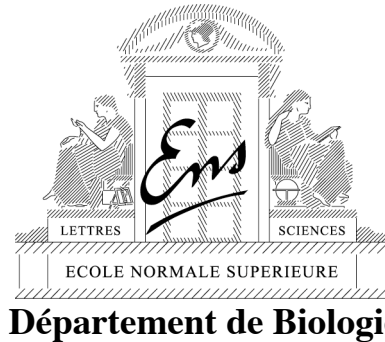


Program VerMIDI X (2007)

January 12th, 2007
Ecole Normale Supérieure



Session I (10h-11h)

Julien Mouysset : Function of the Ubiquitin-Selective Chaperone CDC-48 in Cell Cycle.
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

