

## INFORMATIONS LOGISTIQUES :

### AMPHITHEATRE DE LA DELEGATION

CAMPUS CNRS—1919 ROUTE DE MENDE—MONTPELLIER

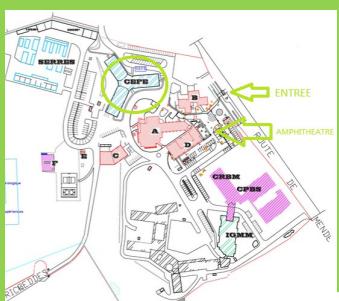
#### Pour se rendre à la conférence de la Gare St Roch:

- 1 Ligne : Tramway 1 / Direction Mossone / Arrêt Saint Eloi  
Rejoindre Arrêt de bus à proximité : Saint-Eloi (MONTPELLIER)
- 22 Prendre bus Ligne : Bus (22) / Direction Clapiers/Jacou / Arrêt : CNRS

#### Pour se rendre à la conférence en voiture :

Autoroute sortie Montpellier Est / Direction « Centre ville » puis « Hôpitaux–Facultés » - Direction « Université Paul Valery / Direction CNRS

Merci de vous stationner route de Mende ou Avenue du Professeur Emile Jeanbrau car le parking CNRS n'est pas accessible aux visiteurs



CENTRE MÉDiterranéen  
ENVIRONNEMENT  
ET BIODIVERSITÉ



# WORKSHOP EPIGENETICS IN ECOLOGY AND EVOLUTION

04 AVRIL 2016  
9:00—19:00

FRANCESCA MERLIN  
VINCENT COLOT  
ADEL HEID SOUBRY  
TROY DAY  
ELENA GOMEZ DIAZ

PROGRAMME ET INSCRIPTION :  
<http://www.labex-cemeb.org/>



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LA DELEGATION  
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## Session I : invited speakers

9h00 – 9h45

1) The changing concept of Epigenetics

Françesca Merlin, Institut d'Histoire et de Philosophie des Sciences et des Techniques, Paris

9h45 – 10h30

2) Heritability of epigenetic marks

Vincent Colot, Institut de Biologie de l'ENS, Paris

10h30 – 11h Coffee break

11h – 11h45

3) Epigenetically mediated transgenerational environmental effects

Adelheid Soubry, Department of Public Health and Primary Care, KU Leuven, Belgique

11h45 – 12h30

4) Epigenetics in Ecology and Evolution: Theories and Models

Troy Day, Departments of Mathematics and Biology Queen's University, Kingston, Canada

12h30 – 14h: Lunch (ronde du CEFE)

14h – 14h45

5) Epigenetics in Ecology and Evolution: empirical approaches

Elena Gomez-Dias, Doñana Biological Station (EBD-CSIC), Sevilla, Espagne

## Session II: Informal presentations of Cemeb projects

14h45 – 15h15

6) Epigenetics of non-model organisms - a practical cookbook

Christoph Grunau (IHPE, Univ. Perpignan Via Domitia) et Nicolas Negre ( DGIMIn Univ. Montpellier )

15h15 – 15h40 Coffee break

15h40 – 16h05 7) Stable and reversible transgenerational inheritance of chromatin states in Drosophila – Giacomo Cavalli, IGH, CNRS, Montpellier

16h05 – 16h25 8) Role of DNA methylation in an entomopathogenic bacterium – Julien Brillard, DGIMI

16h25 – 16h45 9) Predicting DNA methylation by means of CpG o/e ratio in the case of a pan-species study – Cristian Chaparro, IHPE

16h45 – 17h05 10) Methylome changes in Crassostrea gigas oyster spat following a parental exposure to the herbicide diuron – Céline Cosseau, IHPE

17h05 – 17h25 11) When temperature and genetics meet: an epigenetic perspective of sex determination in the cichlid tilapia fish Jean-François Baroiller & Helena D'Cotta, ISEM

17h25 – 17h40 12) Ecology and evolution of a transgenerational induced response, the maternal transfer of antibodies – Thierry Boulinier, CEFE

17h40 – 17h55 13) Centric fusions and epigenetic marks in rodents – Gauthier Dobigny, CBGP

17h55 – 18h10 14) Half baked ideas on the plasticity of avian malaria – Sylvain Gandon, CEFE & Ana Rivero, MIVEGEC

## Session III: Round table discussion with the invited speakers projects

18h15 – 19h30 Grande salle du CEFE