

# Neuroscience Seminar Series

---

**Friday, May 16th, 2014 at 11:30 am**

Salle des Conférences (R229)  
Centre Universitaire des Saints-Pères  
45 rue des Saints-Pères, 75006 Paris

## **Martyn Goulding**

*Professor, Molecular Neurobiology Laboratory,  
Salk Institute*

### ***Mouvement, l'essence de la vie: deconstructing the spinal circuits for locomotion***

The seminar will outline recent work in our lab using cutting edge genetics to dissect key features of the spinal sensorimotor circuitry. Two aspects of sensorimotor control will be discussed: 1) The control of limb movements by inhibitory neurons that secure flexor-extensor motor activity and 2) the transmission and gating of cutaneous sensory stimuli in which we identify a novel circuit in the spinal cord for touch.