

## Neuroscience Seminar Series

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**Friday, June 16<sup>th</sup>, 2017 at 11:30**

Salle des Conférences (R229)

Centre Universitaire des Saints-Pères

45 rue des Saints-Pères, 75006 Paris

### **Patrizia Casaccia**

*Professor, MD PhD*

*Mount Sinai School of Medicine, New York, USA*

## *Molecular Mechanisms of Oligodendrocyte Cell Identity: developmental and adult myelination*

*Myelinating oligodendrocytes derive from progenitor cells, whose ability to make myelin is dependent on the interplay between transcription and chromatin structure. The seminar will discuss nuclear changes underlying the acquisition of oligodendrocyte identity with an emphasis on histone modifications and DNA methylation. Because epigenetic changes reflect adaptation of cells to environmental stimuli, the effect of microscopic (i.e. mechanical forces) and macroscopic (including social experiences and fecal transplantation) changes in the environment will be presented.*

Those interested in meeting with the speaker please contact  
[maria-cecilia.angulo@parisdescartes.fr](mailto:maria-cecilia.angulo@parisdescartes.fr)



UNIVERSITÉ  
PARIS  
DESCARTES

MEMBRE DE

U<sup>S</sup>PC  
Université Sorbonne  
Paris Cité