SEMINAIRE

February 2nd 2011 at 11 am

At ICM room conference 01/02

"Secretory Trafficking and Synapse Remodeling for Neuronal Plasticity"

Michael EHLERS

Professor
Howard Hughes Medical Institute Bethesda, Maryland - USA
&
Chief Sicentific officer,
Pfizer
Neuroscience Research Unit

Michael Ehlers is interested in how brain cells grow, connect with one another, and communicate in the developing and adult brain. Research in the Ehlers Lab aims to unlock the molecular mechanisms by which brain cell connections adapt during learning, and how collections of neurons wire together to propagate electrical signals that encode our memories, experiences, and emotions, and how such mechanisms go awry in disorders of brain development, mood, perception, and memory. Current efforts are focused on mechanisms of neuronal membrane trafficking and glutamatergic synapse plasticity implicated in Alzheimer's disease, schizophrenia, and autism. More recently, he has embarked on the development of novel genetic technologies to selectively manipulate interconnected brain circuits in the intact brain. His studies aim to visualize and manipulate brain cell function, modify and repair neural connections, and define the cellular basis for neurologic and psychiatric disease in order to design novel therapeutic strategies. (Source : http://f1000.com)

Hosted by Alexis Genin

If you would like to meet the speaker, please use the following contact :
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Jeudi 2 février 2012 à 11h00 / ***Salle 001/002 de l'ICM - Hôpital Pitié-Salpêtrière, 47 boulevard de l'hôpital - 75013 Paris***