



Lunedì 3 novembre - ore 14:00
Aula Seminari, NICO

**Enrich the environment to empower the brain:
towards an endogenous pharmacotherapy**
Alessandro Sale

Istituto di Neuroscienze, CNR di Pisa

Brain plasticity refers to the remarkable property of neurons to change their structure and function in response to experience, a major focus for neural rehabilitation following brain disease. While much of the early work on this topic was based on deprivation approaches relying on sensory experience reduction procedures, major advances have been recently obtained using the conceptually opposite paradigm of environmental enrichment. The effects elicited by enriched living conditions on physiological and pathological brain processes will be discussed.

Ospite:
Daniela Carulli

www.nico.ottolenghi.unito.it

NICO - Neuroscience Institute Cavalieri Ottolenghi
Azienda Ospedaliero-Universitaria San Luigi Gonzaga
Regione Gonzole, 10 - 10043 Orbassano (Torino - Italy)