



# S é m i n a i r e

## Microfluidics neuro-engineering for brain on chip applications

**Vendredi 12 Mai 2017  
14h**

**Salle de réunion Biserte**

Neurodegenerative diseases are now at epidemic proportions in industrialized nations, with Alzheimer's, Parkinson or Huntington diseases affecting over 7 million people in Europe, and this figure is expected to double every 20 years as the population ages. There are currently no cures for those diseases mainly because of the incapacity of animal model to provide both fundamental insights on the human brain and drug development strategies. This presentation will highlight how brain on chip technologies will provide a new paradigm in neuroscience to better understand the human brain neural circuits and find new cures for Neurodegenerative diseases.



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