

**ITMO Neurosciences,**

**Sciences cognitives,neurologie,**

**psychiatrie**

**German-French workshop :** 27 & 28 Novembre 2017

**The neurovascular unit**

**In Health and Disease** Auditorium Biopark

11 rue Watt Paris 13ème

* 5.00 pm-5.15 pm Introduction

Etienne Hirsch and Bernard Poulain (Directors of the French AVIESAN Neurosciences ITMO Institute)

* 5.15 pm-7.00 pm **SESSION I – Chair : D. Vivien, M. Endres**
* 5.15-6.00 pm Marco Prinz (Freiburg) :

**Origin and dynamics of myeloid cells in the CNS**

15 mn discussion

* 6.15-7.00 pm  Serge Charpak (Paris) :

**Astrocytes and neurovascular coupling**

15 mn discussion

* 8.30 am-12.30 am **SESSION II – Chair : T. Magnus, E. Tournier-Lasserve**
  + - * 8.30-9.00 am Martin Dichgans (Munich) :

**Turning GWAS signals for stroke into druggable targets.**

10 mn discussion

* 9.10-9.40 am Mickael Tanter (Paris) :

**Functional ultrasound imaging of the NVU**

10 mn discussion

* 9.50-10.10 am Martine Cohen-Salmon (Paris) :

**Translation in astrocytes and the gliovascular unit**

5 mn discussion

* 10.15-10.30 am  Coffee break
* 10.30-11.00 am Arthur Liesz (Munich) :

**Microbiota , T cells and stroke**

10 mn discussion

* 11.10-11.40 am Fabian Docagne (Caen) :

**Imaging and treatment of BBB dysfunction in animal models of multiple sclerosis**

10 mn discussion

* 11.50-12.10 am Ali Ertürk (Munich) :

**Study of stroke mechanisms in see-through mice**

5 mn discussion

* 12.15-12.35 am Jérome Badault (Bordeaux) :

**Gliovascular dysfunctions precede neuronal alterations after juvenile traumatic brain injury**

5 mn discussion

1.00 pm-2.00 pm Lunch

* 2.00 pm-4.00 pm **SESSION III - Chair : M. Dichgans, D. Vivien**
* 2.00-2.30 pm Anne Joutel (Paris) :

**New insights into the pathogenesis of deep intracerebral hemorrhages**

10 mn discussion

* 2.40-3.10 pm Andrew H Jacobs (Munster) :

**Multimodal imaging of the NVU**

10 mn discussion

* 3.20-3.50 pm Sandrine Bourdoulous (Paris) :

**How do bacterial pathogens cross the blood brain barrier**?

10 mn discussion

* 4.00 pm-5.00 pm Round table : how to best prepare for joint German-French NVU calls