

**3rd Meeting of the International Scientific Council
Lyon – 24 November, 2011
Programme**

Thursday, November 24, 2011

9:00-9:30 Welcome address by a representative of Merck Serono s.a.s

*Prof François Mauguière, Director of Neurodis foundation
Introduction to Neurodis ongoing actions*

9:30-9:50 Prof Alexander HAMMERS, Chair of Excellence in Functional Neuro-imaging

9:50-10:10 Dr Alain BUISSON, Neurodis Senior Researcher - Alzheimer disease & other dementias. GIN (Grenoble)

10:10-10:30 Dr Sébastien CARNICELLA, Neurodis Fellow - Physiopathology of apathy and DA dysregulation syndrome in Parkinson's disease

10:30-10:50 Coffee break

10:50-11:10 Dr Charlie WILSON, Neurodis Fellow - Chronic neurophysiology of early non-motor symptoms induced by slow dopaminergic lesion and evaluation of cell therapy

11:10-11:30 Dr Guy GINGRAS, Neurodis Fellow - Rescue of Vision by Adeno-Viral Mediated Ectopic Expression of Melanopsin in the Non-Human Primate

11:30-11:50 Dr Lucia CARRIERO, Neurodis Fellow - The neural basis of pain with intracranial EEG

11:50-12:10 Dr Céline AMIEZ, Neurodis Fellow - Functions and dysfunctions of fronto-striatal networks in primates

12:10-13:25 Buffet lunch break

13:25-13:45 Dr Fadila HADJ-BOUZIANE, Neurodis Fellow - Exploring competition within uni- and multi-sensory perception using fMRI in awake monkeys

13:45-14:05 Dr Frédéric BRISCHOUX, Neurodis Fellow - Brainstem mechanisms involved in the control of upper airways muscle activity during paradoxical sleep in the rat: a new experimental model for sleep apnea syndrome

14:05-14:25 Dr Eric DUCRET, Neurodis Fellow - Plasticity of Ab-fiber-PKCg+ interneuron synapse in mechanical allodynia

14:25-14:45 Dr Ugo BORELLO, Neurodis Fellow - Decoding gene networks of neural stem cell proliferation and differentiation

14:45-15:05 *Prof François Mauguière, Director of Neurodis foundation*

1. *Outcomes of the first Neurodis action plan*
2. *Ongoing commitments and future projects:*
 - *CESAME Institute*
 - *New action plan*

15:05-15:55 *Presentation of the 5 new technological platforms set up in the frame of CESAME Institute (10 min each):*

- Cellular Engineering and Gene Transfer platform (Colette Dehay)
- Blood-Brain Interfaces Exploration platform (Jean-François Gherzi-Egea)
- Human Brain Signal facilities (Philippe Ryvlin)
- Neuro-immersion platform (Alessandro Farne)
- Quantitative MRI-PET and fMRI facility (Alexander Hammers)

15:55-16:55 [Discussion with the Neurodis Foundation Steering Committee and deliberations of the ISC](#)

17:00 ***End of the meeting***