

## Friday, September 18

Amphithéâtre André Fourier, Université Lille 2

- 16:30 *Welcome*
- 17:00 - 18:00 **Plenary Lecture: *Laura Ravasi/Franck Semah* (CHRU, Lille, France)**  
*Brain Imaging in Alzheimer disease*
- 19:30 *Dinner for all participants*

## Saturday, September 19

Lille Grand Palais , Room Rotterdam

- 9:00 – 10:30** **Neuropathology of Alzheimer disease**  
*(Chair: Raik Ronicke, Katia Lecolle)*
- 9:00 - 9:30 ***Ditte Christensen* (Göttingen, Germany):** Evidence for intraneuronal A $\beta$  in human AD brain-correlation with ApoE4 genotype
- 9:30 - 10:00 ***Andrea Marcello* (Göttingen, Germany):** Reduced levels of IgM autoantibodies against N-truncated pyroglutamate A $\beta$  in plasma of patients with Alzheimer's disease
- 10:00 - 10:30 ***Michael Marlatt* (Amsterdam, The Netherlands):** Coordinated evaluation of gliosis and proliferation in the Alzheimer hippocampus by immunohistochemistry
- 10:30 - 11:00 *Coffee Break*
- 11:00 - 14:30** **Enzymatic modulators**  
*(Chair: Holger Cynis, Charlotte Delay)*
- 11:00 - 11:15 ***Bert Güttler* (Halle/Saale, Germany):** Biochemical characterization of protein L-isoaspartyl O-methyltransferase
- 11:15 - 11:45 ***Lene Jessen* (Hamburg, Germany):** Protein phosphatase 1E (PPM1E) expression is increased in early Braak stages and PPM1E overexpression in primary neuronal cells impairs dendritic spine morphogenesis
- 11:45 - 12:15 ***Anett Stephan* (Halle/Saale, Germany):** Heterologous Expression and Characterization of Mammalian Glutaminyl Cyclase Isoenzymes
- 12:15 – 13:15 *Buffet*

*(Chair: Bert Guttler, Tobias Bethge)*

- 13:15 -13:45 **Tine Bammens** (*Leuven, Belgium*): EndoG as effector of  $\alpha$ -Synuclein induced apoptosis in cellular modelsystems for Parkinson's Disease
- 13:45 – 14:15 **Birgit Koch** (*Halle/Saale, Germany*): Mutational Analysis of Human QC
- 14:15 – 14:45 **Monique Bornack Haegele** (*Halle/Saale, Germany*): Possible role of QC in neuroinflammation
- 14:45 - 19:00** **Transgenic models**
- 14:45 - 15:00 **Laetitia Troquier** (*Lille, France*): Immunotherapy targeting Tau-PHF in Alzheimer's disease
- 15:00 - 15:15 **Sadim Jawhar** (*Göttingen, Germany*): Behavioral and pathological characterization of the 5XFAD mouse model
- 15:15 -15:45 **Marie Cotel** (*Göttingen, Germany*): Environmental enrichment partially rescues motor deficits but fails to improve working memory and restore neurogenesis in the APP/PS1KI mouse model of Alzheimer's disease.
- 15:45 - 16:00 **Jessica Wittnam** (*Göttingen, Germany*): The contribution of A $\beta$ N3pE in the etiology of Alzheimer's disease
- 16:00 – 16:30 *Coffee Break*
- (Chair: Ditte Christensen, Tomasz Jaworski)*
- 16:30 - 16:45 **Katia Lecolle** (*Lille, France*): Somatostatin receptors: relevant targets for specific brain gene delivery by modified adenoviral vectors
- 16:45 - 17:00 **Brechje de Ruyck** (*Leuven, Belgium*): Analysis of neuronal functions and dysfunctions of GSK3-isozymes in vivo
- 17:00 - 17:30 **Anna Kremer** (*Leuven, Belgium*): Opposite defects in dendritic spines in transgenic mice that model amyloid and tau pathology.
- 17:30 – 18:00 **Katrin Strauss** (*Göttingen, Germany*): Analysis of tau mediated toxicity in a transgenic *Drosophila* model
- 18:00 - 18:30 **Sylvie Burnouf** (*Lille, France*): Effects of long-lasting voluntary exercise in the THY-Tau22 transgenic mouse model of Alzheimer's disease-like Tau pathology.
- 18:30 – 19:00 **Hervé Maurin** (*Leuven, Belgium*): Expression of Nectin-3 is differentially affected in transgenic mice that model Alzheimer's disease

## Sunday, September 20

Lille Grand Palais , Room Rotterdam

**9:00 – 11:30**

### **Around Tau**

*(Chair: Anne Botev, Andrea Marcello )*

9:00 – 9:30

**Helen Tran** (Lille, France): Tau Mis-splicing Recovery in Myotonic Dystrophy Type 1

9:30 - 10:00

**Anindita Bose** (Paris, France): PKR inhibitors attenuate GSK-3 $\beta$  activation and Tau phosphorylation

10:00 - 10:30

**Charlotte Delay** (Lille, France): Implication of lipid rafts in neurodegenerative proteinopathies

10:30 - 11:00

*Coffee Break*

*(Chair: Helen Tran, Michael Marlatt)*

11:00 - 11:30

**Tomasz Jaworski** (Leuven, Belgique): Rapid AAV-Tau mediated pyramidal cell-death proceeds without tangle formation by cell-cycle re-entry and activated microglia.

**11:30 – 18:00**

### **Around A $\beta$**

11:30 - 11:45

**Antje Hillman** (Göttingen, Germany): Role of N- and C-terminal modified Abeta Peptides in development of Alzheimers Disease

11:45 – 12:15

**Vivek Venkataramani** (Göttingen, Germany): The histone deacetylase inhibitor valproic acid blocks cancer proliferation via downregulation of the Alzheimer Amyloid Precursor protein

12:15 – 13:15

*Buffet*

*(Chair: Sylvie Burnouf, Vivek Venkataramani)*

13:15 - 14:45

**Susanne Fehse** (Berlin, Germany): Cellular copper import by nanocarrier systems

14:45 - 15:15

**Raik Rönicke** (Magdeburg, Germany): A $\beta$ -mediated effects on neuronal network activity

15:15 – 15:45

**Anne Botev** (Berlin, Germany): Impact of presenilin-1 mutations on APP processing

15:45 – 16:15

**Holger Cynis** (Halle/Saale, Germany): Alternative pathways for the generation of N-terminal truncated beta-amyloid

16:15 - 16:45

*Coffee break*

*(Chair: Katrin Strauss, Laetitia Troquier)*

- 16:45 - 17:00 **Marlen Schumann** (Magdeburg, Germany): Nucleation-dependent aggregation of A $\beta$  is required for neuronal cell death
- 17:00 - 17:30 **Tobias Bethge** (Berlin, Germany): The role of transmembrane cysteines for BACE oligomerization
- 17:30 - 18:00 **Luise Richter** (Berlin, Germany): Effects of NSAIDs on A $\beta$  sequence interaction
- 18:00 - 19:00 **Annual meeting of Neurad supervisors**

## **Monday, September 21**

Lille Grand Palais , Room Rotterdam

- 9:00 - 10:00 **Plenary Lecture: Jean-Charles Lambert**  
*(Institut Pasteur, Lille, France)*  
Genetics of Alzheimer's disease : it is complex but we move forwards!
- 10:00 - 10:30 *Coffee Break*
- 10:30 - 11:30 **Round Table Seminar**  
*Chair : Jean-Charles Lambert*
- 11:30 – 12:00 **Awards and Concluding remarks**
- 12:00 - 13:00 *Buffet*

## **LOCATION**

### **SCIENTIFIC EVENTS**

#### **September 18**

Amphithéâtre André Fourier, Hôpital Claude Huriez, Université Lille 2, Pôle Recherche

Rue Michel Polonovski, 59000 Lille

*Metro station : C.H.R. Oscar Lambret (Line 1)*

#### **September 19, 20, 21**

Lille Grand Palais , Room Rotterdam

1 boulevard des Cités Unies, 59777 Lille

*Metro station : Lille Grand Palais (Line 2)*

### **RESTAURANT (Dinner September 18)**

**L'Orange Bleue**, 30 Rue Lepelletier, 59000 Lille

[www.restaurant-lorangebleue.com/](http://www.restaurant-lorangebleue.com/)

*Metro station : Rihour (Line 1)*

### **HOTELS**

**Supervisors: Hotel Brueghel**, 5 Parvis Saint-Maurice, 59000 Lille

[www.hotel-brueghel.com/](http://www.hotel-brueghel.com/)

*Metro station : Rihour (Line 1) or Gare Lille Flandres (Lines 1 or 2)*

**Students: Hotel IBIS Lille Centre Gares**

29 avenue Charles Saint Venant, 59800 Lille

[www.ibishotel.com/fr/hotel-0901-ibis-lille-centre-gares/index.shtml](http://www.ibishotel.com/fr/hotel-0901-ibis-lille-centre-gares/index.shtml)

*Metro station : Gare Lille Flandres (Lines 1 or 2)*

