

Joint 28th Annual Meeting of the Network for European CNS Transplantation & Restoration (NECTAR) and BrainMatTrain EU network

Thursday December 6th

Venue: Buffon Amphitheatre, Paris Diderot University, 15 Rue Hélène Brion, 75013 Paris

7:45

Bus transfer from Belambra Magendie Hotel to Buffon Amphitheatre

8:30-8:45

Registration and Welcome

8:45-9:00

Conference opening

Session 1: Cell Engineering and biomaterials

Chair: Agnete Kirkeby

9:00-9:30

Dr James Phillips (England) - Tissue engineering to repair the nervous system

9:30-10:00

Dr Ben Newland (Wales) - Biomaterial toolbox for studying brain pathology, function and repair

10:00-10:30

Dr Eilís Dowd- (Ireland) - Cellular brain repair for Parkinson's Disease: Is the answer in the (biomaterial) matrix?

10:30-11:00

Prof Erin Lavik (USA) - Biomaterials for modeling and repairing the CNS

11:00-11:20

Coffee break

11:20-11:50

Databliz 1-“Biomaterials”

Session 2: Cell transplantation in Parkinson's and Huntington's Disease

Chair: Prof Malin Parmar

11:50-12:20

Prof Anne Rosser (Wales) - Cell therapy for HD: lessons learned and next steps

12:20-12:50

Dr Deirdre Hoban (Sweden) - Development of a novel accelerated α -synuclein rat model of Parkinson's disease to assess transplantation of human embryonic stem cell derived dopaminergic neurons

12:50-13:45

Lunch



13:45-14:15

14:15-14:45

14:45-15:15

15:15-15:45

15:45-16:15

16:15- 16:45

16:45-17:15

17:15-17:45

17:45-18:15

19:00-23:00

Prof Su-Chu Zhang (Singapore) - Stem cell therapy for neurological disorders
Dr Erwan Bezard (France) - Cell therapy for Parkinson's Disease

Databliz 2 - "Cell therapy for PD and HD"
COFFEE BREAK

Session 3: Immunology and neuroinflammation

Chair: Philippe Hantraye

Prof Azuka Morizane (Japan) - HLA-matched grafting in primates with induced pluripotent stem cells

Dr Ponsaerts Peter (Belgium) - Innate immune recognition of autologous and allogeneic cell transplants in the central nervous system of rodents: harmless side-effect or therapeutic inflammation?

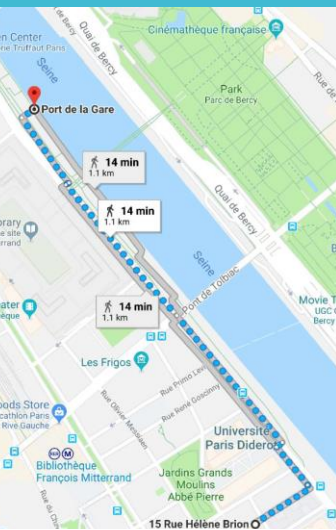
Dr Romina Aron Badin (France) - Cell therapy in HD in HLA-matched and non-matched NHP recipients

Prof Malú Tansey (USA) - Neuroinflammation in neurodegenerative disease

Databliz 3 - "Techniques on tissue"

NECTAR DINNER: Dinner cruise on the Seine river on board of «Le Signac». and panoramic views of Paris by night.

Walk from the conference venue to Port de la Gare, 75013 (1,1km, 15mins).
Bus transfer from pier to Belambra Magendie Hotel at 23:00.



8:15

Bus transfer from Belambra Magendie Hotel to Buffon Amphitheatre

Session 4: Cell Engineering and Disease modelling

Chair: Dr Marc Peschanski

9:00-9:30

Dr Johan Jakobsson (Sweden) - Modelling impaired autophagy in induced neurons derived from patients with HD

9:30-10:00

Dr Rebecca Matsas (Greece) - Exploring p.A53T-alpha synuclein pathology in a human induced pluripotent stem cell-based model

10:00-10:30

Jerome Mertens (Austria) - Disease modelling of AD in iN cells vs iPSCs

10:30-10:50

COFFEE BREAK

10:50-11:20

Dr Anselme Perrier (France) - Disease modelling of synucleinopathies: propagation of α -Synuclein strains within human reconstructed neuronal network

11:20-12:00

Databliz 4 - "In vitro and in vivo models"

12:00-13:00

LUNCH

Session 5: Other Diseases

Chair: Dr Anselme Perrier

13:00-13:30

Dr Stefano Pluchino (England) - Signaling properties of neural stem cells and their cargo vesicles

13:30-14:00

Valentina Fossati (USA) - Stem cell technology in multiple sclerosis research

14:00-14:30

Prof Zaal Kokaia (Sweden) - Integration and function of transplanted neurons in a rat model of stroke

14:30-15:00

Dr Christelle Monville (France) - Preclinical validation of a tissue engineered product consisting in RPE derived from human embryonic stem cells disposed on human amniotic membrane of animal models

15:00-15:30

Databliz 5 - "Differentiation"

MEETING CLOSURE