



Stem Cell Research for Stroke

SC-STROKE

May 4 - 5, 2010, Ascotel, Lille, France

Tuesday 4 May, 2010

13:30-14:00 **Brigitte Onteniente** (Evry, France)

Welcome and introduction

Session 1: SC for stroke - Adult and embryonic SC-derived transplants

Chair: Klaus Reymann (Magdeburg, Germany), Catherine Verfaillie (Leuven, Belgium)

14:00-14:30 **Eva Sykova** (Prague, Czech Republic)

Cell therapy: A comparison of adult and embryonic stem cells

14:30-15:00 **Holger Braun** (Magdeburg, Germany)

MSC and ESC before and after transplantation into stroke damaged rats

15:30-16:00 **Bente Finsen** (Odense, Denmark)

Safety & compatibility issues

16:00-16:30 **Coffee break**

Chair: Eva Sykova (Prague, Czech Republic), Johannes Boltze (Leipzig, Germany)

16:30-17:00 **Jukka Jolkkonen** (Kuopio, Finland)

Evaluation of functional outcome in experimental stroke

17:00-17:30 **Brigitte Onteniente** (Evry, France)

iPS for stroke

17:30-18:00 **Frank Edenhofer** (Bonn, Germany)

Non-viral reprogramming of iPS

20:00 **Gala dinner at the Couvent des Minimes, Lille (registration required)**

Posters will be presented in the Hall during the 2 days



Session 2: Endogenous responses: Neurogenesis & vasculogenesis

Chair: *Jukka Jolkonen (Kuopio, Finland), Bente Finsen (Odense, Denmark)*

- 08:30-09:00** **Zaal Kokaia** (Lund, Sweden)
Stroke-induced neurogenesis and the expertise of STEMSTROKE
- 09:00-09:30** **Fabio Cavaliere** (Zamudio, Spain)
Purinergic modulation of ischemia-induced neurogenesis in a 3D organotypic model
- 09:30-10:00** **Peter Carmeliet** (Leuven, Belgium)
The neurovascular link in health and disease: An update

10:00-10:30 **Coffee break**

Chair: *Fabio Cavaliere (Zamudio, Spain), Catharina Ellerström (Göteborg, Sweden)*

- 10:30-11:00** **Lidia De Filippis** (Milan, Italy)
The effects of mild hypoxia on the proliferation and multipotency of human neural SC
- 11:00-11:30** **Laurent Tritzschler** (Heidelberg, Germany)
Graft-induced angiogenesis in the ischemic brain

11:30-15:00 **Lunch & poster session**

Session 3: Clinical trials

Chair: *Eva Sykova (Prague, Czech Republic), Catherine Verfaillie (Leuven, Belgium)*

- 15:00-15:30** **Catharina Ellerström** (Göteborg, Sweden)
Advancements in human embryonic stem cell technologies towards clinical applications
- 15:30-15:50** **Johannes Boltze** (Leipzig, Germany)
Quality assurance in preclinical trials – the STEPS initiative
- 15:50-16:10** **Keith Muir** (Glasgow, Scotland)
The ReN001 trial
- 16:10-16:30** **Catherine Verfaillie** (Belgium/USA)
The MultiStem trial

15:00-15:30 **Coffee break**

Session 4: The European effort for stroke

Chair: *Brigitte Onteniente (Evry, France), Zaal Kokaia (Lund, Sweden)*

- 16:30-17:00** **Stephen Meairs** (Heidelberg, Germany)
The European Stroke Network
- 17:00-17:30** **Jürgen Sautter** (Brussels, Belgium)
Regenerative medicine in FP7

17:30 **CLOSING REMARKS (Brigitte Onteniente)**

18:00 **For STEMS members only: STEMS concluding meeting and celebration**