



# Stem Cell Research for Stroke

## SC-STROKE

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

**Tuesday 4 May, 2010**

**13:00-13:45**      **Registration**

**13:45-14:00**      **Brigitte Onteniente** (Evry, France)  
Welcome and introduction

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

*Chair: Lidia de Filippis (Milan, Italy), Klaus Reymann (Magdeburg, Germany)*

**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

**15:00-15:30**      **Bente Finsen** (Odense, Denmark)  
Safety & compatibility issues

**15:30-16:00**      **Coffee break**

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

**16:00-16:30**      **Jukka Jolkonen** (Kuopio, Finland)  
Evaluation of functional outcome in experimental stroke

**16:30-17:00**      **Lidia De Filippis** (Milan, Italy)  
The effects of mild hypoxia on the proliferation and multipotency of human neural SC

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

**17:30-18:00**      **Frank Edenhofer** (Bonn, Germany)  
Exploring non-viral strategies to manipulate cellular identity

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

- 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**    **Jean-Léon Thomas** (Paris, France)  
How neural cells make use of vascular growth factors

**10:00-10:30**    **Coffee break**

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

- 10:30-11:00**    **Laurent Tritschler** (Mannheim, Germany)  
Graft-induced angiogenesis in the ischemic brain
- 11:00-11:30**    **Johannes Boltze** (Leipzig, Germany)  
Quality assurance in preclinical trials
- 11:30-12:30**    **Poster session**
- 12:30-14:00**    **Lunch**

**Session 3: Clinical trials**

**Chair:** *Stephen Meairs (Mannheim, Germany), Jef Pinxteren (Heverlee, Belgium)*

- 14:00-14:30**    **Catharina Ellerström** (Cellartis AB, Göteborg, Sweden)  
Advancements in human embryonic stem cell technologies towards clinical applications
- 14:30-15:00**    **Keith Muir** (Glasgow, Scotland)  
The ReN001 trial
- 15:00-15:30**    **Jef Pinxteren** (ReGenesys, Heverlee, Belgium)  
Cell therapy for stroke and ischemic brain injury. The MultiStem trial
- 15:30-16:00**    **Coffee break**

**Session 4: The European effort for stroke**

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

- 16:00-16:30**    **Stephen Meairs** (Heidelberg, Germany)  
The European Stroke Network
- 16:30-17:00**    **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**