



CDB SEMINAR

Jonas Frisé

Medical Nobel Institute
Karolinska Institute, Sweden

Wednesday, December 3, 2008

14:00~15:00 C1F CDB Auditorium

Neural stem cells and neurogenesis in the adult central nervous system

Speaker profile

Professor Jonas Frisé is a prominent stem cell scientist in the field of neuroscience. He produced several beautiful works on Eph/Ephrins during his postdoctoral research at the Barbacid lab, and then he has been publishing an impressive series of adult neural stem cells of both mice and humans. More recently, Dr Frisé also started working on tissue stem cells in the peripheral tissues.

This time, Dr Frisé drops by at the CDB on the way to a symposium at Kyoto University and kindly gives us a talk on neural stem cells in the adult CNS.

Selected references

- Clarke, D.L. et al. (2000) Generalized potential of adult neural stem cells. *Science* 288: 1660-1663.
- Holmberg, J., Clarke, D. and Frisé, J. (2000) Regulation of repulsion versus adhesion by different splice forms of an Eph receptor. *Nature* 408: 203-206.
- Spalding, K., et al. (2005) Retrospective birth dating of cells in humans. *Cell* 122:133-143.
- Meletis, K. et al. (2006) p53 suppresses the self-renewal of adult neural stem cells. *Development* 133: 363-369.
- Barnabé-Heider, F. et al (2008) Genetic manipulation of adult mouse neurogenic niches by in vivo electroporation. *Nature Methods* 5: 189-196.
- Bhardwaj, R.D. et al. (2006) Neocortical neurogenesis in humans is restricted to development. *Proc. Natl. Acad. Sci. USA*, 103: 12564-12568.

Host:

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