



**Karolinska
Institutet**

Development of the Human Brain Connectome

One day mini symposium Sept 22, 2016

[Nobel Forum](#) 9 am -3 pm.

Organizers

Ulrika Ådén, Prof. Dept. of Women's and Children's Health, Karolinska Institutet

Hugo Lagercrantz, Senior Prof. Dept. of Women's and Children's Health, Karolinska Institutet

Finn Lennartsson, PhD. Dept. of Clinical Neuroscience, Karolinska Institutet

Nelly Padilla, Postdoc Dept. of Women's and Children's Health, Karolinska Institutet

9:00-9:20 Welcome and Introduction Organizing committee

9:20-10:00 Peter Fransson, Karolinska Institutet.

The functional brain connectome - An introduction

10:00-10:30 COFFEE

10:30-11:10 Donald Tournier, King's College, UK.

How accurate are tractography methods for the structural connectome?

11:10-11:50 Serena Counsell, King's College, UK.

The neonatal human brain connectome

12:00-13:00 LUNCH

13:00-13:40 Ghislaine Dehaene-Lambertz, INSERM, Neurospin, France.

The early organization and maturation of linguistic pathways in the human brain

13:40-14:20 Morten Kringelbach, Århus Univ, Oxford Univ.

Using whole brain computational connectomics for understanding the basis for neuropsychiatric disorders

14:20-14:40 COFFEE

14:40-15:05 Nelly Padilla.

The connectome development of extremely preterm born children

15:05-15:20 concluding remarks