SciLifeLab

Svenska Sällskapet för Medicinsk Genetik



Genetics of Human Brain Development

Symposium, October 9, 2014
Svedbergssalen (B8), BMC, entrance A11

This open symposium will offer internationally recognized scientists in genetics, imaging and neurobiology who will present recent findings on development and architecture of the human brain. Progress in genetics and imaging techniques have brought new perspectives on the development, organization and function of the brain. Genes, networks and structures that are linked to behavior as well as disease will be highlighted. This symposium is organized by the Swedish Society for Medical Genetics and Science for Life Laboratory.

Program

08.15 Registration and coffee

09.00 Introduction

09.10 Petra S. Huppi, University of Geneva, Switzerland
Nature and Nurture in the developing brain: Imaging biomarkers of prematurity

10.10 Larry W. Swanson, University of Southern California, LA, US
Development and Adult Connectomics of Cerebral Cortex

11.10 Coffee break

11.40 Kari Stefansson, deCODE genetic, Reykjavik, Iceland
Genetics of Cognition

12.40 Lunch

13.30 Kerstin Lindblad-Toh, Science for Life Laboratory, Uppsala University, Sweden, and Broad Institute, MA, US
Unraveling the genetics of human and canine behaviors - brain development is key

14.30 Sarah Medland, QIMR Berghofer Medical Research Institute, Brisbane, Australia
Enhancing Neuroimaging Genetics through Meta-Analysis: the ENIGMA experience

15.30 Concluding remarks

Practical information
Venue: Svedbergssalen (B8), Uppsala Biomedical Centre (BMC), entrance A11, Husargatan 3, Uppsala
Contact: events@scilifelab.se
More information and registration: www.scilifelab.se/events/humbrain.

Also at www.scilifelab.se: Information about the upcoming SciLifeLab Day (October 10).

Advancing Life Sciences