Programme
Days of Molecular Medicine 2008
Cognitive Dysfunction in Disease: Mechanisms and Therapies
April 17-19, 2008, Stockholm, Sweden

Thursday, April 17th

12.30 Registration Begins

14.00 Opening Remarks
Karolinska Institutet: Harriet Wallberg-Henriksson, President
Massachusetts General Hospital: Joseph Martin, Dean, Harvard Medical School
Cell Press: TBA

14.30 Keynote Address
Chair: Sten Grillner, Dept of Neuroscience, Karolinska Institutet
Eric Kandel, Center for Neurobiology and Behavior, Columbia University College of Physicians and Surgeons
From Genes to Behaviour
erk5@columbia.edu

15.30 Coffee break

Session One: Cognitive functions and their cellular bases

Session One, Part A: Cognitive Functions

Chairs: Lars-Göran Nilsson, Dept of Psychology, Stockholm University and Stockholm Brain Institute
TBA

16.00 Daniel Schacter, Department of Psychology, Harvard University
Memory systems and their neural correlates
dls@wjh.harvard.edu

16.30 Sabine Kastner, Princeton University
Attention
skastner@princeton.edu

17.00 Ray Dolan, University College London
Emotion/memory
r.dolan@fil.ion.ucl.ac.uk

17.30 Discussion

18.00 Poster Session I

19.00 Buses leave to the Town Hall
19.30 Welcome reception at Stockholm Town Hall

Friday, April 18th

Session One, Part B: Cellular Mechanisms of Cognition

Chairs: Ole Kiehn, Dept of Neuroscience, Karolinska Institutet
TBA

9.00 Isabelle Mansuy, University of Zurich
Epigenetics of learning and memory
mansuy@hifo.unizh.ch
9.30 Bruce McEwen, Rockefeller, NY
Stress, sex and cognitive processes: role of neuronal remodeling.
mcewen@mail.rockefeller.edu

10.00-10.30 Coffee Break

10.30 Alcino Silva, University of California at Los Angeles
Animal models of learning and memory
silvaa@ucla.edu

11.00 Mark Bear, MIT
Cellular mechanisms of learning and memory
mbear@mit.edu

11.30 Discussion

12.00-13.00 LUNCH

Session Two: Cognitive Dysfunctions in Psychiatric and Neurological Disorders

Session Two, Part A: Neurodevelopmental Disorders

Chairs: Joseph Martin, Harvard Medical School
Ivanka Savic, Dept of Clinical Neuroscience, Karolinska Institutet and Stockholm Brain Inst

13.00 Nancy Pedersen, Karolinska Institutet
Twinstudies; including studies on both genes and sex
nancy.pedersen@ki.se

13.30 Dan Geschwind, Neurology Department, UCLA
Autism genetics
DHG@UCLA.EDU

14.00 Matthew State, Department of Genetics, Yale University
Genetics of OCD, Tourette's, mental retardation
matthew.state@yale.edu

14.30 Discussion

15.00 Coffee break

Session Two, Part B: Schizophrenia, Bipolar and Other Mood Disorders

Chairs: Torgny Svensson, Karolinska Institutet, Dept of Physiology and Pharmacology
TBA

15.30 Trevor Robbins, Department of Experimental Psychology, Cambridge University
Schizophrenia
twr2@bous.cam.ac.uk

16.00 Daniel Weinberger, National Institute of Mental Health
Imaging and genetics-various psychiatric disorders, depression, schizophrenia
weinberd@intra.nimh.nih.gov

16.30 Lars Farde, Karolinska Institutet
Molecular Biomarkers in Schizophrenia
lars.farde@ki.se

17.00 Rene Hen, Dept of Neuroscience and Psychiatry, Columbia Univ College P & S
Neural circuits involved in depression, psychiatric disorders-serotonergic system
rh95@columbia.edu

17.30 Discussion

19.00 Buses leave hotels
19.30 Conference Dinner

Saturday, April 19th

Session Two, Part C: Neurodegenerative Disorders
Chairs: Joseph Martin, Harvard University Medical School
       Bengt Winblad, Dept of Neurobiology, Care Science and Society, Karolinska Institutet

9.00  James Gusella, Center for Human Genetics, Massachusetts General Hospital
       Genetics of Alzheimer’s disease
       gusella@helix.mgh.harvard.edu

9.30  Karen Ashe, Brain Science Center, VAMC
       Animal Models of Alzheimer’s disease
       hsiao005@umn.edu

10.00 Coffee break

10.30 Ted Dawson, Institute for Cell Engineering, Johns Hopkins School of Medicine
       Neurodegeneration, Parkinson’s Disease
       tdawson@jhmi.edu

11.00 Adriano Aguzzi, University Hospital of Zürich
       Prions and degenerative disorders
       adriano.aguzzi@usz.ch

11.30 Discussion

12.00 Special Lecture: “Challenges of Neuro-Pharmacology in Biotech/Pharma”.
       Jackie Hunter, Glaxo Smith Kline
       Discussion

12.30-14.00 Lunch and Poster Session

Session Three, Part A: Interventional approaches
Chairs: Ola Hermansson, Dept of Neuroscience, Karolinska Institutet
       TBA

14.00 Adrian Bird, Institute of Cell Biology, University of Edinburgh
       Gene Therapy for Rett syndrome
       A.Bird@ed.ac.uk

14.30 Ole Isacson, Department of Neurology and Neuroscience, Harvard Medical School/McLean Hospital
       Engineering and transplantation of stem cells
       isacson@hms.harvard.edu

15.00 Lars Lannfelt, Public Health/Geriatrics, Uppsala University
       Treatment focusing on amyloid for Alzheimer’s disease
       lars.lannfelt@pubcare.uu.se

15.30 Coffee break

Session Three, Part B: Interventional approaches
Chairs: Zsuzsanna Wiesenfeld-Hallin, Dept. of Clinical Neurosciences, Karolinska Institutet
       TBA

16.00 Torkel Klingberg, Dept of Woman and Child Health, Karolinska Institutet
       Cognitive treatment ADHD
       torkel.klingberg@ki.se
16.30 Karl Deisseroth, Bioeng & Psych, Stanford University
Bioengineering/technology development for perturbing circuits for treatment of disease
deissero@stanford.edu

17.00 Helen Mayberg, Department of Psychiatry, Emory University
Deep brain stimulation, depression
hmayber@emory.edu

17.30 Discussion

18.00 Concluding remarks