

The EU FP7 mdDANeurodev Consortium presents:

Symposium

How to build the Dopamine System

Wednesday, December 2, 2009
10:30 – 18:30 h, UMC Utrecht

Speakers:

Marten Smidt	Rudolf Magnus Institute, UMC Utrecht, The Netherlands
Thomas Perlmann	Karolinska Institutet, Stockholm, Sweden
Antonio Simeone	CEINGE, Napels, Italy
Wolfgang Driever	Albert-Ludwigs-Universität Freiburg, Germany
Wolfgang Wurst	Helmholtz Zentrum München, Germany
Oscar Marín	Universidad Miguel Hernández, Alicante, Spain
Alain Prochiantz	CNRS, Paris, France
Jeroen Pasterkamp	Rudolf Magnus Institute, UMC Utrecht, The Netherlands

Please mail for free registration: a.j.a.vanderlinden-3@umcutrecht.nl

See also our website: www.mdDANeurodev.eu

Location: UMC Utrecht, Blue Lecture room, Heidelberglaan 100, 3584 CX,
Utrecht, The Netherlands



Department of
Neuroscience and Pharmacology



Helmholtz Zentrum münchen
German Research Center for Environmental Health



Symposium

How to build the Dopamine System

Wednesday, December 2, 2009, UMC Utrecht, Blue Lecture room

www.mddaneurodev.eu

10:30-11:00 Registration (free of charge) and coffee

Topic: Genetic programming, terminal differentiation and maintenance

11:00-11:40 **Marten Smidt**, coordinator, UMC Utrecht, Rudolf Magnus Institute of Neuroscience, Department of Neuroscience and Pharmacology, The Netherlands. *The role of Pitx3 and Nurr1 in sub specification of the mesodiencephalic dopamine (mdDA) neurons*

11:40-12:20 **Thomas Perlmann**, Karolinska Institutet, Ludwig Institute for Cancer Research, Department of Cell and Molecular Biology, Stockholm, Sweden. *Transcription factor determinants in dopamine neuron programming*

12:20-13:20 Lunch

13:20-14:00 **Antonio Simeone**, CEINGE Biotechnologie Avanzate, CNR International Institute of Genetics, Naples, Italy. *The role of Otx2 in mesDA differentiation*

Topic: Ventricular zone programming and early specification of the mdDA neuronal phenotype

14:00-14:40 **Wolfgang Driever**, Albert-Ludwigs-Universität Freiburg, Department of Biology I, Developmental Biology Unit, Germany. *Mechanisms of dopaminergic systems development in zebrafish*

14:40-15:20 **Wolfgang Wurst**, Helmholtz Zentrum München, Institute of Developmental Genetics, Germany. *Role of Wnt signalling in DA neuron development*

15:20-15:40 Tea break

Topic: Mechanisms of migration and guidance of mdDA neurons

15:40-16:20 **Oscar Marín**, Universidad Miguel Hernández, CSIS, Instituto de Neurociencias de Alicante, Spain. *Cxcr4/Cxcl12 signaling in neuronal migration*

16:20-17:00 **Alain Prochiantz**, Centre National de la Recherche Scientifique, Paris, Collège de France. *The function of Engrailed transcription factors in the life and death of mDA cells*

17:00-17:40 **Jeroen Pasterkamp**, UMC Utrecht, Rudolf Magnus Institute of Neuroscience, Department of Neuroscience and Pharmacology, The Netherlands. *Wiring the dopamine system with Semaphorins*

17:40-18:30 Drinks



Rudolf Magnus
Institute of Neuroscience

Department of
Neuroscience and Pharmacology

