EUREXPRESS III – 2009 SUMMER COURSE

FROM GENE EXPRESSION PATTERNS TO CELL DIFFERENTIATION:
A journey to understand molecular control of cell fate

June 29-July 3. Alicante. Spain.

June 29. Monday (Main Auditorium INA)

09.00 –09.30 Registration INA
09.30 –10.00 Welcome and general information

10.00 –11.00: *General anatomy of the mouse embryo: an overview on EUREXPRESS annotation*
Salvador Martínez
Instituto de Neurociencias. UMH-CSIC
Alicante

11.00 –11.30 Coffe break

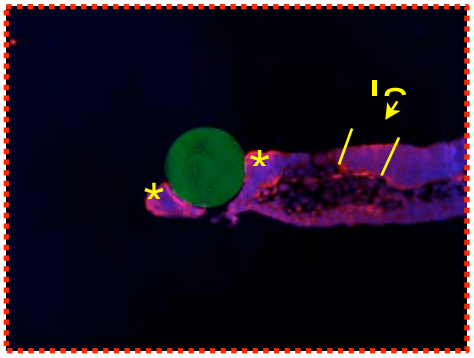
11.30 –13.00: *Early segregation of neuroblast and glioblast in the diencephalon*
Bernard Zalc
Inserm UMR_S 975, CNRS UMR 7225
Hôpital de la Salpetriere
Paris

13.00 –15.00 Lunch

15.00 –16.00: *Cellular specification in the early embryo*
Giovanna Liguori.
Institute of Genetics and Biophysics "Adriano Buzzati Traverso", CNR
Naples

16.00 –16.30 Coffee break

16.30 –17.30: *Molecular mechanisms of cellular specification in the heart*
Miguel Manzanares
CNIC-ISCIII
Madrid



Eurexpress:
A Transcriptome Atlas Database for Mouse Embryo

June 30. Tuesday (Main Auditorium INA)

09.30 –11.00: *Topology, molecular specification and fate in the early forebrain*
Luis Puelles
Department of Anatomy and Psychobiology
Murcia

11.00 –11.30 Coffee break

11.30 –12.30: *Molecular patterning of the pretectum*
Jose Luis Ferrán
Department of Anatomy and Psychobiology
Murcia

12.30-13.30: *Eph/ephrin signalling and thymus development*
Agustin Zapata
CIB- Madrid

13.30 –15.00: Lunch

15.00-16.00: *miRNAs and host gene Patterns*
Salvador Martínez
Instituto de Neurociencias. UMH-CSIC
Alicante

16.00 –17.00 Coffee and General discussion

July 1. Wednesday (Main Auditorium INA)

09.30 –11.00: *Molecular regionalization and cell specification in the telencephalon*.

Salvador Martínez
Instituto de Neurociencias. UMH-CSIC
Alicante

11.00 –11.30 Coffee break

11.30 –12.30: *Role of the Neural Crest in alar plate development*

Sophie Creuzet
DEPSN-CNRS-UPR2197
Gif-sur-Yvette. France.

12.30-13.30: *Vegfc/vegfr3 signaling promotes production of postnatal forebrain interneurons*

Jean Leon Thomas
Inserm UMR_S 975, CNRS UMR 7225
Hôpital de la Salpetriere
Paris

13.30 –15.00: Lunch

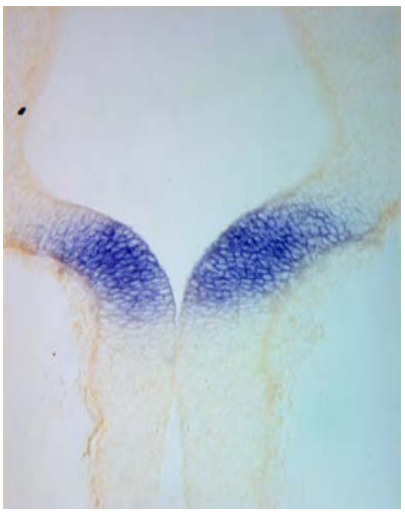
15.00-16.00*: Mesencephalic basal plate regionalization and cell specification*

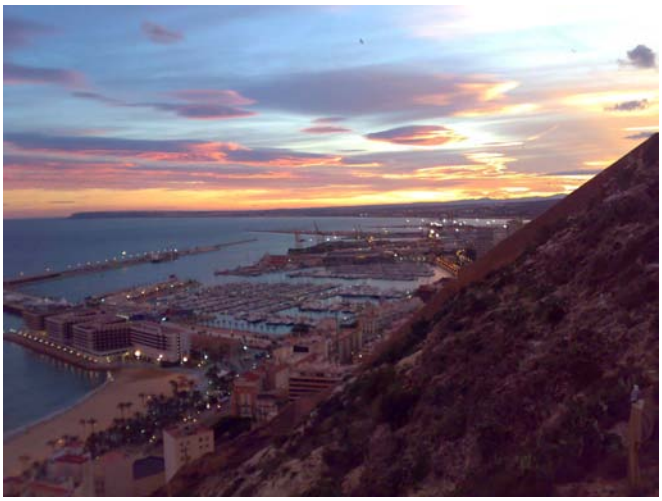
Eduardo de Puelles
Instituto de Neurociencias. UMH-CSIC
Alicante

16.00-16.30. Coffee break

16.30-17.30: *Isthmic organizer and Fgf8 morphogenetic activity*

Diego Echevarría
Instituto de Neurociencias. UMH-CSIC
Alicante





July 2. Thursday (Main Auditorium Faculty of Medicine)

09.30 –11.00: *Molecular control of Dopaminergic specification in midbrain.*

Wolfgang Wurst
Institute of Developmental Genetics
Munich-Neuherberg, Germany

11.00 –11.30 Coffee break

11.30 –12.30: *The Cerebellum*

Constantino Sotelo
Instituto de Neurociencias. UMH-CSIC
Alicante

12.30-13.30: *A molecular and genetic analysis of cerebellar neurogenesis*

Giacomo Consalez
Division of Neuroscience
San Raffaele Scientific Institute
Milan

13.30 –15.00: Lunch

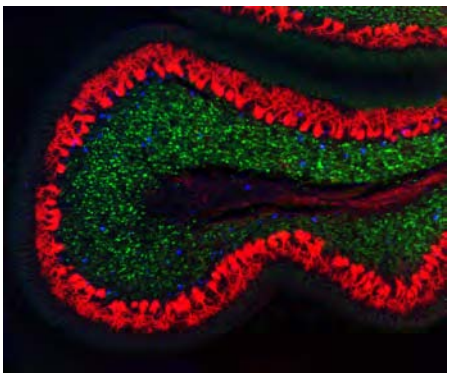
15.00-16.00*: Specification of Schwann cells and peripheral nervous system myelinization.*

Hugo Cabedo
Instituto de Neurociencias. UMH-CSIC
Alicante

16.00-16.30. Coffee break

16.30-17.30: *Molecular control of neuronal specification in the spinal cord*

Salvador Martínez
Instituto de Neurociencias. UMH-CSIC
Alicante



July 3. Friday (Main Auditorium Faculty of Medicine)

09.30 –10.30: *Hox code and neuromeric subdivisions in the rhombencephalon*
Luis Puelles
Department of Anatomy and Psychobiology
Murcia

10.30-11.15: *Myelin repair in demyelinating diseases*
Anne E. Baron
U975 INSERM CRICM
Paris.

11.15 –11.30 Coffee break

11.30 –12.30: *Neural Stem Cells*
Augusto Silva
CIB. Madrid.

12.30-13.30: *Closure Conference (INA-Seminar Organization Meetings)*

"*The role of the Neural Crest in the Development and Evolution of Vertebrates*"
Nicole le Douarin
Collège de France. Académie des Sciences: Paris, France

13.30 –16.00: Lunch