Scientific programme

Saturday, 1st November

10.00 – 14.30  Registration

14.45 - 15.00  Welcome by the organizers

15.00 – 16.00  Opening Lecture
(Salón Panamericano Norte)
Introduction: Mario Zurita
Eric Wieschaus (Princeton University)
“Patterning Cell Shape Change during Drosophila gastrulation”

16.00 – 16.30  Coffee break

Session I
(Salón Panamericano Norte)
Chair: Rolando Rivera-Pomar and José Xavier-Neto

16.30 – 16.55  Richard Behringer (University of Texas)
“Stem cells, organogenesis, and regeneration”

16.55– 17.20  Guillermo Oliver (St. Jude Children’s Res. Hospital)
“Haploinsufficiency of Six3 fails to activate Sonic hedgehog expression and causes holoprosencephaly”

17.20 – 17.45  Guillermo Lanuza (Instituto Leloir, Buenos Aires)
“Development of interneurons required for spinal cord locomotor networks”

17.45 – 18.15  Coffee break

18.15 – 18.40  Benny Shilo (Weizmann Institute of Science, Israel)
“Regulation of apical secretion in tubular epithelia by polarized actin nucleation”

18.40– 19.05  Mario Zurita (Cuernavaca, UNAM, México)
Suppression of TFIIH mutants by transcomplementation in a Drosophila trichothiodystrophy model

19.05 – 19.30
Shigeo Hayashi (Riken Center for Dev. Biol, Japan)
"Cell adhesion dynamics in tubular epithelial morphogenesis in Drosophila"

19.30 – 22.00
Mixer reception
(Salón Los Jardines)

Sunday, 2nd November

Session II
(Salón Panamericano Norte)
Chair: Luis Mayorga and Richard Behringer

9.00 – 9.25
Cynthia Kenyon (Univ. of California, San Francisco)
“Genes and Cells that Control the Aging of C. elegans"

9.25 - 9.50
Billie Swalla (Univ. of Washington, Seattle)
"Origin and Evolution of the Chordates"

9.50 – 9.15
Alejandro Sanchez-Alvarado (Univ. of Utah)
"Dying young as late as possible: planarians, regeneration and stem cells"

10.15 – 10.45
Coffee break

10.45 – 11.10
Miguel Allende (Universidad de Chile)
The zebrafish lateral line system: a paradigm for sensory cell regeneration.

11.10 – 11.35
David Ish-Horowicz (London Research Institute, UK)
“Molecular studies of animal patterning”

11.35 – 12.00
Helena Araujo (Univ. do Rio de Janeiro, Brazil)
Coordinating patterning and division in the Drosophila embryonic synci"
12.00 – 14.00

Lunch on your own
(Meeting of the LASDB board)

14.00 - 16.00

Poster session I + coffee
(Salón Panamericano Sur)

Session III
(Salón Panamericano Norte)
Chair: Nora Calcaterra and Miguel Allende

16.00 – 16.25

Marianne Bronner-Fraser (Caltech, Pasadena, CA).
"Gene regulatory network underlying neural crest formation"

16.25 – 16.50

Catherine E. Krull (Univ. of Michigan, Ann Arbor)
Out on a limb: axon pathfinding in the periphery

16.50 – 17.15

Pablo Visconti (University of Virginia)
"Testis specific kinases and their role in sperm-egg interaction"

17.15 – 17.40

Claudio Stern (Univ. College, London, UK)
"Gastrulation through a primitive streak: cellular mechanics and signals"

17.40 – 18.10

Coffee break

18.10 – 18.35

Manuel Aybar (Univ. de Tucuman, Argentina)
The role of Endothelin-1/Ednra signaling in Xenopus neural crest early specification.

18.35 – 19.00

Roberto Mayor (Univ College, London, UK)
Contact Inhibition controls directional migration of neural crest via non-canonical Wnt signalling

19.00 – 19.25

Jasper Rine (Univ. of California, Berkeley)
TBA.

Dinner on your own
Monday, 3rd November

**Session IV**  
*(Salón Panamericano Norte)*  
*Chair: Pablo Wappner and Guillermo Oliver*

9.00 – 9.25  
Ruth Lehmann (The Skirball Inst., New York)  
"Migration in vivo: how germ cells find their niche"

9.25 – 9.50  
Juan Riesgo-Escovar (UNAM, Queretaro, Mexico)  
*Traversing Drosophila development with piragua.*

9.50 – 10.15  
Scott Fraser (Caltech, Ca)  
TBA

10.15 – 10.45  
*Coffee break*

10.45 – 11.10  
Jose Xavier-Neto (Univ. de Sao Paulo, Brazil)  
"cis-Regulation of Raldh2 (Aldh1a2): an Evolutionary -Conserved Intronic  Enhancer for the Developing Dorsal Spinal Cord, Epicardium, Kidneys and Gut"

11.10 – 11.35  
Ariel Ruiz i Altaba (Univ. of Geneva, Switzerland)  
"Hedgehog-Gli signaling controls the number of brain stem cells”

11.35 – 12.00  
Angela Nieto (Inst. de Neurociencias Alicante, Spain)  
*The Snail genes in bone development and homeostasis*

12.00 – 14.00  
*Lunch on your own*

14.00- 16.00  
*Poster session II + coffee*  
*(Salón Panamericano Sur)*
Session V
(Salón Panamericano Norte)
Chair: Manuel Aybar and Cathy Krull

16.00 – 16.25  Nibia Berois-Domenech (Univ la Republica, Uruguay)
“Environment And Development: The Annual Fish Model”

16.25 – 16.50  Steve Burden (Skirball Institute, New York)
"Signaling at Neuromuscular Synapses"

16.50 – 17.15  Marcelo Yanovsky (Universidad de Buenos Aires)
“A role for arginine methyltransferases in the regulation of developmental processes and circadian rhythms in Arabidopsis.”

17.15 – 17.45  Coffee break

17.45 – 18.10  Trudi Schupbach (Princeton University)
“EGF receptor signaling and follicle cell differentiation in Drosophila Oogenesis”

18.10 – 18.35  Miguel Concha (Universidad de Chile)
"Origin and shaping of the laterality organ in zebrafish”

18.35 – 19.00  Didier Stainier (Univ of California, San Francisco)
“Endodermal organ development and regeneration in zebrafish”

19.00 – 19.10  Announcement of Poster Awards

19.10 – 20.10  LASDB General Meeting (all LASDB members)

21.00  Closing dinner
Restaurant Champs Elyseé
(Puerto Madero)

Monday, 4th November

Check-out and departure