

**4th International Meeting of the Latin American Society of  
Developmental Biology (LASDB) –November 1-3, 2008.**

**Scientific programme**

**Saturday, 1<sup>st</sup> 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 syncitium*

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, 3<sup>rd</sup> 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 Elysee**  
**(Puerto Madero)**

**Monday, 4<sup>th</sup> November**

Check-out and departure