



2nd INTERNATIONAL MEETING OF
THE LATIN AMERICAN SOCIETY
OF DEVELOPMENTAL BIOLOGY

Wednesday
May 4 to Saturday
May 7
2 0 0 5



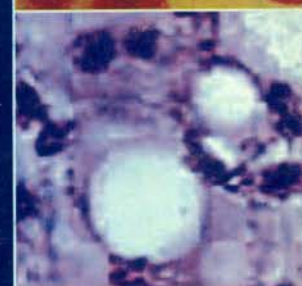
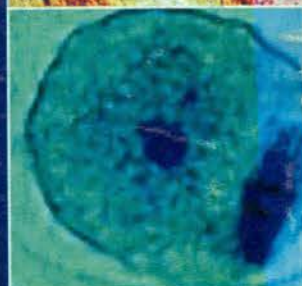
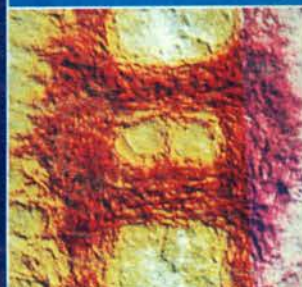
In

CASA GRANDE HOTEL RESORT & SPA GUARUJÁ SÃO PAULO

Program and Abstracts

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Guaruja
Brazil



Realization



Welcome

On behalf of the Latin American Society of Developmental Biology (LASDB), I extend to all participants the warmest welcome to the 2nd International Meeting of our Society.

A group of Developmental Biologists, scientists and students, working in Latin America started some year ago a network on Developmental Biology. This network became the basis for the **Latin American Society of Developmental Biology (LASDB)** during 2002 and the first meeting of the LASDB was organized in Valle Nevado, Chile in January 2003. We will organize an international meeting every two years in different Latin American countries. This year the 2nd LASDB meeting will be held in Brazil, and an exciting scientific program has been assembled by Professor **Ricardo Ramos**, vice-president of the LASDB, and Professor **Jose Xavier-Neto**. We hope that during this meeting we will get together the emergent community of developmental biologists from Latin American countries as well as researchers from USA, Europe, etc., including scientists, professors, postdoctoral fellows, students and collaborators, to present and discuss their research. Our expectation is to stimulate and strength the collaboration and exchange of information on the research conducted by members of our society, and by the invited researchers.

We open to you the doors of our countries and science in what will be a four days-long celebration with our colleagues and friends from other countries to share with us the excitement for the scientific research about the development of many different organisms.

I would like to thank all the persons that had the responsibility to make every effort to organize each detail of this meeting. The eventual success of this congress will be their best reward.

Thank you for joining us and for being part of this exciting meeting

Bienvenidos!!

Roberto Mayor
President

Latin American Society of Developmental Biologists

Latin American Society of Developmental Biology

President

Dr. Roberto Mayor
(UCH-Chile/UCL-UK)

Vice President

Ricardo Guelerman P. Ramos
(FMRP/USP-Brazil)

Treasurer

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(UCH-Chile)

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Marta Valdivia (Peru)
Pablo Wappner (Argentina)
José Xavier-Neto (Brasil)
Mario Zurita (Mexico)

External

Dr Eddy De Robertis (USA)
Dr Antonio Garcia Bellido (Spain)
Dr Janet Rossant (Canada)
Dr Ariel Ruiz i Altaba (USA)
Dr Claudio D Stern (UK)



General Information

Site of the event

Casa Grande Hotel Resort & Spa - Av. Miguel Estéfano, 1001 - Enseada - Guarujá SP.
Telephone / fax 55 13 3389 4000
hotel@casagrandehotel.com.br
www.casagrandehotel.com.br

For general information regarding the City of Guarujá please look at the guide provided with the Congress material.

Registration and Information desk

Working hours:

*May 4 5pm-10pm
*May 5 8am-7pm
*May 6 8:30am-8pmh
*May 7 8am-2pm

Certificates

Certificates may be picked up at the registration and information desk on May 7th, from 8am to 2pm.

Poster area

Posters can be affixed starting from 6 pm, May 4 and may be displayed throughout the Meeting.

Posters must be removed before 12 Noon on Saturday, May 7. Posters still remaining after this time will be discarded.

Lodging, ground transportation to São Paulo Airports and air tickets.

Check with the Hardy Tours representative.

Information on sightseeing, shopping, restaurants etc.

Please check the Santos Area Convention & Visitors Bureau Booth, in the exhibit area

Exchange

Please check directly with the Hotel desk

Instructions for placing international phone calls

Help with international phone calls 0800 7032111

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Italy 0021 39
Japan 0021 81
Mexico 0021 52
Scotland 0021 44
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United States 0021 1
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Useful and emergency phone numbers

Codes of local phone companies 15 or 21 or 23
Guarujá area code 13
Oxford Assessoria em Eventos 16 39671003
Hardy Viagens e Turismo 16 3977 3977
Post Office (Lost & Found) 0800 570 0100

19:00 19:30	<p><u>Opening Remarks</u> Dr. Ricardo G. P. Ramos (FMRP-USP, Brazil) Local Organizer and LASDB Vice-President Dr. Roberto Mayor (UC-London/UCH- Chile) LASDB President</p>
19:30 20:30	<p><u>Keynote Conference</u> Chair: Dr. Ricardo G. P. Ramos (FMRP-USP, Brazil) <i>Embryonic Transcription And The Midblastula Transition In Drosophila</i> Speaker: Dr. Eric Wieschaus (HHMI-Princeton University, USA)</p>

8:30 10:00	<p><u>Session I</u> Chair: Dr. Pablo Wappner (Instituto. Leloir, Argentina) <i>Genetic Mechanisms of Morphological Diversity Between Species</i> Speaker: Dr. Richard Behringer (University of Texas M. D. Anderson Cancer Center, USA) <i>Sequence of Events Leading To Membrane Fusion During Acrosomal Exocytosis In Human Spermatozoa</i> Speaker: Dr. Luis Mayorga (UNCuyo - Argentina) <i>Translational Control During Apoptosis In Drosophila</i> Speaker: Dr. Rolando Rivera Pomar (MPI Germany/UN LaPlata, Argentina)</p>
10:00 10:30	<p>Coffee Break</p>
10:30 12:00	<p><u>Session II</u> Chair: Dr. Mario Zurita (UNAM- Mexico) <i>Germ Cells Are Forever: Germline Development In Drosophila</i> Speaker: Dr. Ruth Lehmann (Skirball Institute, NYU, USA) <i>BMP Signaling And Embryonic Dorsal-Ventral Patterning: From Mother To Embryo</i> Speaker: Dr. Helena Araujo (UFRJ, Brazil) <i>Characterization Of Dsec13 And The COPII Complex During Drosophila Development</i> Speaker: Dr. Juan Riesgo Escovar (UNAM, Mexico)</p>
12:00 14:00	<p>Lunch</p>
14:00 15:30	<p><u>Session III</u> Chair: Dr. Miguel Allende (UCH-Chile) <i>Multi-Dimensional Imaging Of Embryonic Form And Function</i> Speaker: Dr. Scott Fraser (Caltech, USA) <i>LPP3 Deficiency Affects Embryo Development Due To Changes In Several Signaling Pathways</i> Speaker: Dr. Diana Escalante-Alcalde (UNAM, Mexico) <i>Proteoglycan Function During Early Development Of The Xenopus Embryo</i> Speaker: Dr. Juan Larrain (Univ. Catolica de Chile)</p>
15:30 16:00	<p>Coffee Break</p>
16:00 17:30	<p><u>Session IV</u> Chair: Dr. Ricardo G. P. Ramos (FMRP-USP, Brazil) <i>Specification Of Temporal Identity In The Drosophila CNS</i> Speaker: Dr. Chris Doe (HHMI-University of Oregon, USA) <i>The Role Of Delta Endocytosis In Notch Signaling</i> Speaker: Dr. Ajay Chitnis (NICHD, USA) <i>Developmental Activity Of The Gamma-Secretase Complex In Drosophila Notch Signaling</i> Speaker: Dr. Mark Fortini (NCI, USA)</p>

17:30 19:00	<p><u>Session V</u> Chair: Dr. Juan Riesgo Escovar (UNAM, Mexico) <i>Micro RNA Regulation Of Developmental Timing In Animals</i> Speaker: Dr. Eric Moss (UMDNJ, USA) • <i>Function Of The Oxygen Sensing Pathway In Drosophila Melanogaster Development</i> Speaker: Dr. Pablo Wappner (Instituto Leloir, Argentina) <i>TFIIH In Development: From Drosophila To Human And Back To The Fly</i> Speaker: Dr. Mario Zurita (UNAM, Mexico)</p>
19:00 21:00	Dinner
21:00 23:00	Poster Session

9:00 10:30	<p><u>Session VI</u> Chair: Irene Yan (ICB-USP) <i>Conserved Genomic Elements In The Vertebrate Iroquois Complexes Have Enhancer Activity</i> Speaker: Dr. Miguel Allende (UCH-Chile) <i>The Smurf1 Ubiquitin Ligase In Regulation Of Xenopus Dorsal-Ventral Patterning</i> Speaker: Dr. Gerald Thomsen (Stony Brook University, USA) <i>Endodermal Organ Development In The Zebrafish</i> Speaker: Dr. Didier Stainier (UCSF, USA)</p>
10:30 11:00	Coffee Break
11:00 12:30	<p><u>Session VII</u> Chair: José Xavier Neto (InCor-USP, Brazil) <i>Retinoid Regulation Of Early Lung Morphogenesis</i> Speaker: Dr. Wellington Cardoso (Boston University - USA) <i>Growth Factor Enhancement Of Mammalian Regeneration</i> Speaker: Dr. Nadia Rosenthal (EMBL, Italy) <i>The Homeobox Prox1: A Key Regulator Of Lymphatic Vasculature Development</i> Speaker: Dr. Guillermo Oliver (St Jude's Children Res Hosp, USA)</p>
12:30 14:30	Lunch
14:30 16:00	<p><u>Session VIII</u> Chair: Dr. José Garcia Abreu (UFRJ, Brazil) <i>Asymmetry And Laterality In The Fish Brain</i> Speaker: Dr. Miguel Concha (UCH, Chile) <i>Neural Crest Formation And Migration</i> Speaker: Dr. Marianne Bronner Fraser (Caltech, USA) <i>Roles Of Casein Kinase 2 In The Retinal Cell Cycle</i> Speaker: Dr. Rafael Linden (IBCCF-UFRJ, Brazil)</p>
16:00 16:30	Coffee Break
16:30 18:00	<p><u>Session IX</u> Chair: Roberto Mayor (UC-London/UCH- Chile) <i>Neural Induction: Regulation Of Neural Fate By Coiled-Coil Proteins And Chromatin-Remodelling Complexes</i> Speaker: Dr. Claudio Stern (UC-London, UK) <i>Developmental Mutations In Presumed Housekeeping Genes</i> Speaker: Dr. Igor Dawid (NIH, USA) <i>Molecular Mechanism of Neural Crest Induction</i> Speaker: Dr Roberto Mayor (UC London/UCH-Chile)</p>

18:30 20:00 *LASDB Plenary Meeting*

20:00 *Dinner*

Scientific Program

Session X

Chair: Dr José Xavier Neto

Mesp Independently Regulates Heart Specification And Migration In The Ciona Tadpole

Speaker: Dr. Brad Davidson (UC Berkeley, USA)

8:30 10:00

Limb Development - Mouse Genetics And Bat Molecular Evolution

Speaker: Dr. Lee Niswander (HHMI- University of Colorado at Denver, USA)

Mechanisms Of Embryonic Stem Cell Self-Renewal Conserved In Amphibians, But Not Teleost Fish.

Speaker: Dr. Josh Brickman (ISCR, U Edinburgh, Scotland)

10:00 10:30

Coffee Break

Session XI

Chair: Dr. Klaus Hartfelder (FMRP-USP, Brazil)

Retardation Of Gastrulation Events In Frog Embryos With Slow Development

10:30 12:00

Speaker: Dr. Eugenia del Pino (PUC, Ecuador)

Retinoic Acid, Hox Genes And Rostrocaudal Patterning Of Amphioxus Embryos

Speaker: Dr Linda Holland (Scripps Institution of Oceanography, USA)

Social Bees - Models For Developmental And Behavioral Plasticity On The Road To Genomics

Speaker: Dr. Klaus Hartfelder (FMRP-USP, Brazil)

12:00 14:00

Closing Ceremony

ISDB/MOD Fellowships

MILLENNIUM NUCLEUS OF DEVELOPMENTAL BIOLOGY fellowships



ISDB/MOD Fellowships

MILLENNIUM NUCLEUS OF DEVELOPMENTAL BIOLOGY fellowships



NAME	NATIONALITY
Carla Judice	Brazil
Celeste Tribulo	Argentina
Erica Lopes	Brazil
Julian Mensch	Argentina
Mariana Muzzopappa	Argentina
Marco Simões-Costa	Brazil
Maria José Arezo	Uruguay
Milena Furtado	Brazil
Pablo Armas	Argentina
Rodrigo Agrellos	Brazil
Stella Honore	Argentina
Tatiana Hochgreb	Brazil

NAME	NATIONALITY
Andrés Sarrazin	Chile
Gisela Reichisi	Argentina
Gustavo Cerda	Chile
Francisco Romero	Chile
José Manuel Yáñez	Chile
Diego Rojas	Chile
Rosana Muñoz	Argentina
Mauricio Moreno	Chile
Carlos Lizama	Chile
Marcela Bonano	Argentina
Tristán-Aguero	Argentina
Patricio Olguín	Chile
Ximena Soto	Chile

Jury Composition of the ISDB fellowships

Edward M. De Robertis, Howard Hughes Medical Institute, University of California

Roberto Mayor, University College London, UK;

Universidad de Chile, Chile

Claudio Stern, University College London, UK