

IX Latin American Society for Developmental Biology Meeting 2017

October 9-13th 2017 (Medellín, Colombia)

	October 9	October 10	October 11	October 12	October 13
8:00 - 8:45 Keynote speakers		<p align="center">Enrique Amaya</p> <p align="center"><i>A conserved role for reactive oxygen species during early embryonic development and appendage regeneration</i></p>	<p align="center">Joachim Wittbrodt</p> <p align="center"><i>Activating the regenerative potential of Müller glia cells in a regeneration-deficient retina</i></p>	<p align="center">Marianne Bronner</p> <p align="center"><i>Gene regulatory and signaling events in neural crest development</i></p>	<p align="center">Angela Nieto</p> <p align="center"><i>Epithelial plasticity in health and disease</i></p>
8:45- 9:00		<p>Short talk- Clara Ibel Chamorro Jimenez. <i>Histological and molecular studies on bladder wound healing in the rat.</i></p>	<p>Short talk - Manuel Buendia Monreal. <i>The CDK8 module of arabidopsis mediator controls developmental timing and leaf shape through specific micro RNAs.</i></p>	<p>Short talk - Harold Suarez Baron. <i>Genetic mechanisms underlying perianth trichome development in Aristolochia (Aristolochiaceae).</i></p>	<p>Short talk - Marcia Gaete. <i>Generating big tooth germs by inhibition of hyaluronan synthesis.</i></p>
9:00- 9:15		<p>Short talk - Allan Carrillo Baltodano. <i>Blastomere isolation reveals different neural specification mechanisms between the brain and ventral nerve cord in capitella teleta (annelida).</i></p>	<p>Short talk - Martha Elizabeth Montane Romero. <i>The role of phospholipid phosphatase type 3 in endodermal development.</i></p>	<p>Short talk - Angie Daniela González. <i>Emerging flowers of an emerging holoparasitic study system: Pilostyles boyacensis (Apodanthaceae)</i></p>	<p>Short talk - Cindy Rocío Ortiz Amador. <i>Zebrafish caudal fin regeneration and cardiac frequency regulation properties of ageratina vacciniifolia extracts.</i></p>
9:15- 9:30		<p>Short talk - Frank Conlon . <i>The CHD4/ NURD complex functions to directly repress smooth and skeletal isoforms in the developing heart.</i></p>	<p>Short talk - Andres Romero Carvajal. <i>Unravelling the adaptive value of the embryonic external gills in anurans.</i></p>	<p>Short talk - Diana Carolina Castañeda Cortes. <i>Corticotropin-releasing hormone as the transducer of the stress-induced masculinization.</i></p>	<p>Short talk - Elisa Domínguez Hüttinger. <i>Modelling the complex regulatory interplay between epithelial-mesenchymal-transitions and the microenvironment in health and disease.</i></p>

9:30-10:00
10:00-10:15
10:15-10:30
10:30-11:00
11:00-11:30

<p>Maria Barna</p> <p><i>Bio-imaging of tissue patterning and cellular communication during embryonic development</i></p>	<p>Karen Echeverri</p> <p><i>Molecular mechanisms of spinal cord regeneration</i></p>	<p>Vivian Irish</p> <p><i>Development with a twist</i></p>	<p>Jose García- Arrarás</p> <p><i>Understanding regeneration; a visceral reaction</i></p>
<p>Jeremiah Smith</p> <p><i>Developmentally programmed rearrangement of the lamprey genome</i></p>	<p>Randall Voss</p> <p><i>Transcriptional Investigation of Positional Memory in Axolotl Limbs</i></p>	<p>Kenneth Kosik</p> <p><i>Dynamic controls over stem cell population diversity and the emergence of multiple neuronal identities</i></p>	<p>Short talk - Miguel Mendivil Perez. <i>Melatonin enhances neural stem cell differentiation by increasing mitochondrial function and promotes neuron engraftment in neurodegenerative diseases in vivo models.</i></p>
			<p>Short talk - Elsy Cristina Buitrago Delgado. <i>SoxB and SoxE transcription factors are essential for progression from pluripotent blastula cells into neural crest cells.</i></p>
<p>Coffee Break</p>	<p>Coffee Break</p>	<p>Coffee Break</p>	<p>Coffee Break</p>
<p>Sylvain Marcellini</p> <p><i>Junk or func? Contribution of mobile elements to the osteoblastic gene regulatory network.</i></p>	<p>Rodrigo Nunes da Fonseca</p> <p><i>Evolution and multiple roles of the Pancrustacea specific transcription factor zeldain insects</i></p>	<p>Luis Alfredo Cruz Ramirez</p> <p><i>Unraveling the role of RETINOBLASTOMA-RELATED in Stem Cell maintenance and Asymmetric Cell Divission along land plant phylogeny</i></p>	<p>Cristina Ferrandiz</p> <p><i>A stylish story of carpel evolution</i></p>

11:30-11:45
11:45-12:00
12:00-12:30
12:30-14:00
14:00-15:00

Arrival

<p>Short talk - Victor Allan Sanchez Camargo. Maize E2F/DP transcription factor family regulate cell cycle S phase genes during seed germination.</p>	<p>Short talk - Yesenia Madrigal Bedoya. Evolution and expression of transcription factors controlling dorsiventral flower development in selected Asparagales.</p>	<p>Short talk - Ivan Felipe Acosta Guzman. Spatiotemporal dynamics of jasmonate signalling during stamen maturation in Arabidopsis.</p>	<p>Short talk - Nicolás Peláez. Ratiometric dynamics of ETS transcription factors regulate the transit to differentiation during retina patterning.</p>
<p>Short talk - Ahmed Elewa. Reading and editing the genome of salamander <i>pleurodeles waltl</i> reveals novel features of tetrapod regeneration.</p>	<p>Short talk - Nadia Monesi. The <i>bradysia hygida</i> (DIPTERA: SCIARIDAE) embryogenesis: how to make a larva in nine days.</p>	<p>Short talk - Cristian Camilo Piñeros Romero. Effect of the <i>hand2</i> transcription factor on cell epithelization during early kidney morphogenesis.</p>	<p>Short talk - Federico D. Brown Almeida. Evolution and development of coloniality in our own phylum.</p>
<p>Shiobhan Brady Regulation of root morphogenesis and cell type development in the face of a changing environment</p>	<p>Miguel Concha Novel roles of extra-embryonic tissue in directing early embryo morphogenesis in vertebrates</p>	<p>Igor Schneider Deep evolutionary origin of tetrapod limb regeneration</p>	<p>Claudia Torres Farfán Chronobiology in development and health</p>
		<p>12:30- 13:00 LASDB Assembly</p>	
<p>LUNCH</p>	<p>LUNCH</p>	<p>LUNCH</p>	<p>LUNCH</p>
<p>POSTERS</p>	<p>POSTERS</p>	<p>POSTERS</p>	<p>POSTERS</p>

15:00-15:30
15:30-15:45
15:45-16:00
16:00-16:30
16:30-17:00

<p>Katia del Rio- Tsonis</p> <p><i>Epigenetic signatures during chick retina regeneration</i></p>	<p>Patrizia Ferretti</p> <p><i>Stem cells in health and disease: from animal to human models</i></p>	<p>Lee Niswander</p> <p><i>Using mouse and human iPSC modeling to reveal the causes of neural tube defects</i></p>	<p>Roberto Mayor</p> <p><i>Chemical and mechanical cues control collective cell migration</i></p>
<p>Short talk - Monica Lisette Garcia Gomez. <i>Understanding the links between cell differentiation and hormone responses in the root apical meristem of Arabidopsis thaliana.</i></p>	<p>Short talk - Christian Guerrero Juarez. <i>Dermal adipocyte regeneration from myofibroblasts during cutaneous wound healing.</i></p>	<p>Short talk - Marcos Nahmad. <i>Epithelial folds promote cell proliferation in the Drosophila wing disc.</i></p>	<p>Short talk - Rodrigo AP De Martins. <i>Maintenance of genomic stability in central nervous system development: Regulation of replicative stress by the ATR-ATRIP signaling pathway.</i></p>
<p>Short talk -Leonardo E. Valdivia. <i>A CRISPR/CAS9 screen for genes that mediate growth of the zebrafish eye.</i></p>	<p>Short talk - Cecilia Zumajo Cardona. <i>Expression analyses of fruit developmental genes in selected non-core eudicots.</i></p>	<p>Short talk - Lina Vanessa Lozano Morales. <i>Effect of altitude on body resources allocation in cotesia flavipes (hymenoptera: Braconidae).</i></p>	<p>Short talk - Patricia Neiva Schneider. <i>Transcriptome analysis and asymmetric gene expression of visual opsins during eye development in the four-eyed fish (Anableps anableps).</i></p>
<p>Joseph Arboleda- Velasquez</p> <p><i>Therapeutic antibody targeting of Notch3 signaling prevents mural cell loss in CADASIL.</i></p>	<p>Robb Krumlauf</p> <p><i>Hox genes: Regulating the balance between pluripotency and differentiation</i></p>	<p>Carole La Bonne</p> <p><i>Stem Cells, Gene Regulatory Networks and the Evolution of Vertebrates</i></p>	<p>Alejandro Sanchez Alvarado</p> <p><i>The life cycle of regeneration</i></p>
<p>Coffee Break</p>	<p>Coffee Break</p>	<p>Coffee Break</p>	<p>Marko Horb</p> <p><i>System-level analysis of pancreatic beta cell development</i></p>

17:00-17:15		<p>Short talk - Gloria Patricia Cardona Gomez. <i>CDK5 beyond neurodevelopment.</i></p>	<p>Short talk - Héctor Hugo Torres Martínez. <i>Towards understanding the lateral root primordium morphogenesis in arabidopsis thaliana.</i></p>	<p>Short talk - Alexa Aline Sadier. <i>Distinct developmental constraints govern the establishment of the bat dental row.</i></p>	<p>Closing Ceremony</p>
17:15-17:30		<p>Short talk - Christian Louis Bonatto Paese. <i>Characterisation of sox B family genes and their involvement in embryogenesis in the spider parasteatoda tepidariorum.</i></p>	<p>Short talk - Jennifer Maier. <i>Hox gene expression & regulation in diverse mammalian limbs.</i></p>	<p>Short talk - Ricardo Fuentes Pardo. <i>Phenome-wide screens define novel maternal gene functions during the zebrafish oocyte-to-embryo transition.</i></p>	
17:30-18:00		<p>Jesus Chimal-Monroy <i>Digit patterning is controlled by an antagonism between retinoic acid and TGF beta</i></p>	<p>Veronica Di Stilio <i>Reconstructing the ancestral role of flowering meristem identity genes in a non-flowering plant</i></p>	<p>Robert Reed <i>Developmental genetics of butterfly wing pattern evolution</i></p>	
18:00-18:15	<p>Opening ceremony</p>	<p>Short talk - Francisco Javier Mendez Cruz. <i>NADPH-OXIDASE-Derived reactive oxygen species participate in the control of cell motility in zebrafish gastrulation.</i></p>	<p>Short talk- Leonardo Guilgur. <i>The developing brain is the limiting tissue to ensure normal lifespan after induced aneuploidy in flies.</i></p>	<p>Short talk - Alejandra Vasco. <i>Fern leaf evolution and development: building better models from fern leaf diversity.</i></p>	

18:15-18:30		Short talk - Jesica Romina Canizo. Modulation of WNT and ERK signalling blocks sox17 expression without increasing nanog in the bovine ICM.	Short talk - Emilio Petrone Mendoza. Transcriptome de novo assembly for the study of wood development evolution in the cactaceae family.	Short talk - Claudia Marcela Arenas Gómez. Gene expression profile during limb regeneration in plethodontid salamanders.
18:30-19:15	Karen Sears <i>From genome to phenome: the developmental basis of mammalian variation</i>	Sir John Gurdon (Nobel Awardee) <i>The stability and reversal of cell differentiation</i>	Brigitte Galliot <i>Regeneration and slow aging, what role for autophagy?</i>	Robert Sablowski <i>Cell size regulation and organ patterning in the shoot meristem</i>
<u>Keynote speakers</u>				