

EMBO-Developmental Biology -Quintay 2025

Celebrating 25 years of the Practical Course on Developmental Biology

Friday 10th January 2025, CIMARQ-Quintay-Chile

MBL-LASDB-UNAB-CINV-UMAYOR-UCL

10.30-10.50: **Registration**

10.50-11.00: **Opening and Welcome.** Roberto Mayor. UCL, UK

11.00-12.55: **Morning session.** Chair: Roberto Mayor

11.00-11.40: **Keynote Lecture:** Faculty 1993 (Coquimbo): Gerald Schatten (University of Pittsburgh, US), *Latin American Development Biology in 2050: Soaring to unimagined pinnacles of universal importance from its successful launch in the last century.*

11.40-12.05: Class 1999: Flavio Zolessi (Universidad de la República, Uruguay), *Exploring the influence of epithelial polarity signals on neuronal differentiation in the retina.*

12.05-12.30: Class 2001: Federico Brown (Universidad de Sao Paulo), *Sensing in the dark: what cave planarians reveal about the evolution and development of organ systems*

12.30-12.55: Class 2003: Ximena Soto (University of Manchester, UK), *Understanding the reactivation of developmental mechanisms during spinal cord regeneration*

12.55-14.15: **Lunch**

14.15-15.55: **Afternoon session I.** Chair: Leonardo Valdivia

14.15-14.40: Class 2005 (LASDB/SDB/Juquehy): Marcos Simoes-Costas (Harvard University, US), *The architecture and function of the neural crest genome*

14.40-15.05: Class 2010: Natalia Sanchez (P Universidad Católica de Chile), *Antidepressants and their Effect on the Development of Salivary Glands: A Look at Progenitor cells*

15.05-15.30: Class 2012: Rosana Reyes-Pinto (U Chile), *Exploring a Second-Order Mechanosensory Route to a Visual Center in Fish*

15.30-15.55: Class 2018: Fernanda Palominos (University of California, Berkeley, US), *'Cabezas de pescao': the genetic and transcriptional divergence behind craniofacial specialization in pupfishes*

15.55-16.25 **Coffee break**

16.25-17.55: **Afternoon session II.** Chair: John Ewer

16.25-16.50: Class 2020: Nicolas Cumplido (Boston College, US), *Thyroid hormone regulation of the zebrafish pectoral fin development*

16.50-17.15: Faculty 2023-2025: Corinne Houart (King's College London, UK), *Integrating fate decision and metabolism by transformation of a transcription factor into modulator of mitochondrial translation*

17.15-17.55: **Keynote Lecture:** Faculty 2014-2025: Nipam Patel (MBL, US), *Insights from Emerging Research Organisms: From Crustacean Limbs to Butterfly Colors*