

Developmental Biology Symposium-Quintay 2018

17th January 2018, CIMARQ-Quintay-Chile

LASDB-UNAB

10.30-10.50: **Registration**

10.50-11.00: **Opening and Welcome.**

11.00-12.40: **Morning session.** Chair: **John Ewer** (CINV, Universidad de Valparaíso, Chile)

11.00-11.40: **Plenary Lecture: Maria Leptin.** *Morphogenesis: from whole organism integration to biophysical principles.* (EMBO, Germany)

11.40-12.00: **Miguel Allende.** *Revealing the diversity and roles of innate immune cells in zebrafish.* (Universidad de Chile).

12.00-12.20: **Carmen Gloria Feijoo.** *Innate and adaptive immune response during intestinal inflammation in fish.* (UNAB, Chile)

12.20-12.40: **Marcela Torrejon.** *The Lord of the G: a master regulator of Neural Crest migration* (U. Concepción, Chile)

12.40-14.00: **Lunch**

14.00-15.25: **Afternoon session I.** Chair: **Ariel Reyes** (UNAB, Santiago, Chile)

14.00-14.25: **Alejandro Sanchez-Alvarado.** *Understanding the source of regenerative ability in animals.* (HHMI, Stowers Institute, USA)

14.25-14.45: **Miguel Concha.** *Embryo morphogenesis driven by bio-mechanical interactions with extra-embryonic tissue.* (Universidad de Chile)

14.45-15.05: **Elias Barriga.** *The onset of collective migration is mechanically controlled during morphogenesis.* (University College London, UK)

15.05-15.25: **Andrés Sarrazín.** *Evolutionary origin of segment formation in arthropods and vertebrates.* (P U. Católica de Valparaíso, Chile)

15.25-16.00 **Coffee break**

16.00-17.50: **Afternoon session II**. Chair: **Katherine Whitlock**. (CINV, Universidad de Valparaíso, Chile)

16.00-16.20: **Marcia Gaete**. *Increasing the dental organ size by the inhibition of hyaluronan synthesis*. (P. U Católica, Chile)

16.20-16.40: **Claudio Araya**. *Non-epithelial tissue internalisation depends on a transient Myosin/N-cadherin dependent epithelialisation event*. (U. Austral, Chile)

16.40-17.00: **Fernando Faunes**. *The Heterochronic Gene Lin28 Regulates Xenopus Metamorphosis through Disturbance of Thyroid Hormone Function*. (UNAB, Chile)

17.00-17.25: **Andrea Streit**. *Cell fate decisions during ear development*. (King's College London, UK)

17.25-17.50: **Claudio Stern**. *“Reverse transcriptomics” as an approach to discover new Biology*. (University College London, UK)