

# PROGRAMME

**08:15 – 08:50** Registration and welcome coffee

**08:50 – 08:55** **Antoine Geissbühler**, Dean of the Faculty of Medicine, University of Geneva  
**Opening**

**08:55 – 09:00** **Denis Duboule**, President of the Board of Trustees of the  
Louis-Jeantet Foundation  
**Welcome**

## **SESSION 1**

**9.00 – 9.30** **Margarida Cardoso-Moreira**, The Francis Crick Institute, London, UK  
*The evolution of new vertebrate cell types and organs*

**9.30 – 10.00** **Manuel Irimia**, UPF-CRG, Barcelona, ES  
*Tissue-specific transcriptomes in the origin and evolution of vertebrates*

**10.00 – 10.30** **Francisca Martinez Real**, Centro Andaluz de Biología del Desarrollo (CABD), Sevilla, ES  
*Elucidating the molecular basis of mammalian flight*

## **10:30 – 11:00** COFFEE BREAK

**11.00 – 11.30** **Patrick Tschopp**, University of Basel, CH  
*The gene regulatory logic of skeletal cell type specification and evolution*

**11.30 – 12.00** **Leif Andersson**, Uppsala University, SE  
*How the Atlantic herring colonized and diversified in the brackish Baltic Sea within the last 8,000 years*

## **12:00 – 13:30** LUNCH

## **SESSION 2**

**13.30 – 14.00** **Dario Valenzano**, Leibniz Institute on Aging, Fritz Lipmann Institute, Jena, DE  
*Evolution and Ecology of Aging*

**14.00 – 14.30** **Pontus Skoglund**, The Francis Crick Institute, London, UK  
*Ancient genome evolution in short- and long-time series*

**14.30 – 15.00** **Jenny Tung**, Max Planck Institute for Evolutionary Anthropology, Leipzig, DE  
*The genomic consequences of hybridization in a living primate model*

## **15.00 – 15.30** COFFEE BREAK

**15.30 – 16.00** **Evan Eichler**, University of Washington, USA  
*Segmental duplication, inversion toggling and the rapid emergence of novel ape genes*

**16.00 – 16:30** **Pierre Vanderhaeghen**, VIB-KU Leuven Center for Brain & Disease Research, BE  
*Chi va piano va sano: linking developmental tempo and evolution of the human brain*

## **16.30 – 16:40** CONCLUDING REMARKS