

COLLOQUE

Organisation : Denis DUBOULE

ENHANCER SEQUENCES

[IN ENGLISH / EN ANGLAIS] — Amphithéâtre Guillaume Budé

09h00 Denis Duboule (CIRB, Collège de France, Paris)

Welcome and introduction

09h05 Guillaume Andrey (Department of Genetic Medicine and Development
Faculty of Medicine, University of Geneva, Switzerland)

Exploring the cis-regulatory controls of developmental gene trajectories

09h40 Wendy Bickmore (MRC Human Genetics Unit,
Institute of Genetics and Cancer, University of Edinburgh, Scotland)

Role of the 3D genome in enhancer driven gene regulation

10h15 Coffee break

10h45 Mira T. Kassouf (Radcliff Department of Medicine,
Medical science division, University of Oxford, UK)

Using a Model Locus to Understand Enhancer-driven Gene Regulation

11h20 Duncan Odom (DKFZ, Division of Regulatory Genomics and Cancer Evolution,
Heidelberg, Germany)

Mechanisms of mammalian genome control and evolution

11h55 Renée Beekman
(CRG, Single Cell Epigenomics and Cancer Development, Barcelona, Spain)

Translocations can drive expression changes of multiple genes in regulons covering entire chromosome arms

12h30 Lunch break

14h00 Susanne Mandrup (Department of Biochemistry and Molecular Biology,
University of Southern Denmark)

Transcriptional networks and chromatin architecture regulating adipogenesis

14h35 Luca Giorgetti (Friedrich Miescher Institute, Basel, Switzerland)

Discovering quantitative rules in enhancer-promoter communication using synthetic regulatory landscapes

15h10 Anna Pombo (Max-Delbrück-Centrum for Molecular Medicine, Berlin, Germany)

Variations in 3D genome structure between cell types and in stimulus responses

15h45 Coffee break

16h20 Justin Crooker (EMBL, Heidelberg, Germany)

Exploring the Evolutionary Limits of Transcriptional Enhancers

16h55 Alex Stark (IMP, Vienna BioCenter, Vienna, Austria)

Decoding transcriptional regulation

17h30 End

11 avril 2025 de 9h à 17h30

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COLLOQUE EN ANGLAIS

COLLÈGE
DE FRANCE
— 1530 —

CHAIRE ÉVOLUTION
DU DÉVELOPPEMENT
ET DES GÉNOMES

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