

January 30, 2023  
1 to 2 pm, on Teams  
Chairman: Dr Antonio Vitobello

**Invited speaker: Dr Jérôme Govin**  
**Institute for Advanced Biosciences - IAB**  
**Grenoble, France**



## **Translational epigenetics: exploring chromatin pathways to provide new clinical insights**

Among the 25,000 genes at its disposition, how does a cell choose which ones to express? How is this transcriptional program regulated? How can the associated mechanisms be used for a clinical application?

These questions are at the heart of our research program. Thus, we seek to understand how cell fate is conditioned by transcription and genome organization. Our approach is translational, based on physiological conditions and using the conservation of these mechanisms during evolution, but also applied to pathological contexts, notably infectious diseases (pathogenic yeasts), rare genetic diseases, and cancer (lymphomas).

The first part of the presentation will feature a family of chromatin regulators, the BET proteins. It will illustrate our translational approach, combining model yeast and pathogenic yeasts. A second part will detail how the detailed study of a chromatin effector allowed to identify and characterize a new syndrome, caused by a rare genetic disease.

More information:

<https://translational-epigenetics.fr>