

# EGID SEMINAR

February 23<sup>rd</sup>, 2024 from 11.00 am to 12.00 pm



## Dr Fabien DELAHAYE


Senior Principal Scientist - Head of Cellular & Molecular Genomics  
Precision Medicine and Computational Biology at Sanofi

### Biography:

After a PhD in Physiology and Cell Biology in Lille (France) in 2011, I went to the Albert Einstein College of medicine in New York to do a 3 years post-doc focusing on epigenetic regulation of hematopoietic stem cells. During this post-doc, I develop new skills in genomics data analysis. At the end of my post-doc, I was offered an assistant professor position to pursue the exploration of early epigenetic regulation of stem cells development and also became the director of the computational genomic Core. During those years I really developed an appetite for new genomics technology. In 2019, I succeed in a call for junior group leader at the Institut Pasteur de Lille. There, I was able to gather a team focusing on (epi)genomics analysis of HSPCs at single-cell resolution in the context of early programming and spearhead the development of the single-cell genomics core. After, 4 years I decided to embrace a new challenge and accepted to lead the cellular and molecular genomics group at Sanofi.

### Presentation:

Leveraging multi-omics approaches to accelerate early discovery research. We will discuss how precision medicine is supporting drug pipeline from early discovery to development focusing on key applications: patient stratification and tumor micro environment characterization.

 UFR3S - Pôle recherche - Amphithéâtre A  
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