



08
NOV.
2022

⌚ de 13h à 14h
📍 Salle de formation du PRABI

SÉMINAIRE

Methodological pitfalls in the construction of epigenetic clock models

Florent Chuffart

CNRS UMR 5309/INSERM U1209/Université Grenoble-Alpes/Institute for Advanced Biosciences

Presentation of the nature of DNA methylation data captured from Illumina Methylation Assays (*Homo sapiens*). Evaluation of the impact of cofactors (sex, cell composition, latent factors) on the performance of the machine learning model (elastic-net + bootstrap). Illustration: the impact of tobacco consumption on blood's epigenetic age.