UE 3.3. Technological skills for conducting a research project in Biology and Health Science   3 ECTS

Teaching unit shared by the following tracks:
- Cellular, Integrative and Translational Neurosciences
- Diabetes and cardiovascular diseases
- Fundamental and clinical oncology, towards precision medicine
- Immunity, Inflammation et Infection

EC17 – Machine learning and artificial intelligence methods

Contact: nacim.betrouni@inserm.fr   *Màj.09/06/2022*

The objective of this course is to present the tools to analyze large data sets (e.g. data from cohorts). The methods for selecting the most relevant parameters to describe different populations will be discussed, as well as the classification algorithms that combine these parameters optimally to build models supporting decision at the individual level. The quantitative methods for assessment of these models will also be presented.