

## **12 : Microbiology**

Study of host-microbiota interactions in the gut.

The objective is to characterize the impact of microbiota composition on human health.

Metagenomic analyses will be conducted to identify dominant bacterial species and their metabolic roles.

The influence of microbiota on certain diseases (obesity, autoimmune disorders) will be investigated.

The study will include in vitro tests and bioinformatics analysis on metagenomic databases.