

STUDY OF THE SEASONAL VARIATION OF GUT MICROBIOTA IN MALAGASY FRUIT BAT

- **Context:**



Seed disperser, High flight capacity, Diseases reservoir



Increased dispersion of pathogens in the environment

- **Objective:**

Understand the role of the gut microbiota (GM) on the health of fruit bat and mitigating the spread of zoonotic diseases in the environment.

- **Methodology:**

Bats capture, Fecal samples collection, Fecal analysis, Molecular analysis.

- **Expected results:**

Effects of seasonal change in GM on the health of individuals; Modeling of GM according to the availability of the season, food resource, sex and age; GM modeling by co-infection with other pathogens.