

# Blood and vector-borne pathogens in Madagascar fruit bats

## Background and Interests

- Bats as host reservoir of different pathogens
- Bats as reservoir host of blood parasites
- Bats as bush-meat

## Objectives

- Identify pathogens from blood
- Understand their dynamic within bat population

## Methods

- Longitudinal field data collection
- Morphological and molecular identification
- Statistical model to assess risk factors
- Dynamical model to understand the mechanism

## Preliminary results

- *Bartonella* spp. in Madagascar fruit bats
- *Babesia* sp. In Madagascar fruit bats

