



## WHAT IS THE MISTRAL STUDY?

The MISTRAL study is seeking individuals with HIV to participate in a study to investigate how HIV infection and the bacteria in our gut (i.e. our gut microbiome) interact.

You are **eligible to participate** if you:

- are HIV positive
- age 50 years or older

The MISTRAL study will collect and analyse stool and blood samples from people living with HIV age 50 or older.

**If you agree to participate**, you will be asked to provide a stool and blood sample when you enrol in the study. During your next routine visit to the clinic at least 10 months after enrolment, you will be asked to provide a second stool and blood sample.

This study is taking place in several countries and we expect to enrol 1000 people in Europe.



**MISTRAL**



**MISTRAL**

  
**EuroSIDA**

To learn more about the  
**MISTRAL study** and enrol,  
please contact your physician.



<https://chip.dk/Research/Studies/MISTRAL>



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## MISTRAL STUDY

Are you living with  
HIV and want to  
participate in  
important  
research?



Microbiome-based stratification of individuals at risk of HIV-1 acquisition, chronic clinical complications, antimicrobial drug resistance, and unresponsiveness to therapeutic HIV-1 vaccination

## BENEFITS OF PARTICIPATING IN THE MISTRAL STUDY

- Provide insight into the role of the gut microbiome in disease development.



- Improve treatment and care for millions of people living with HIV.



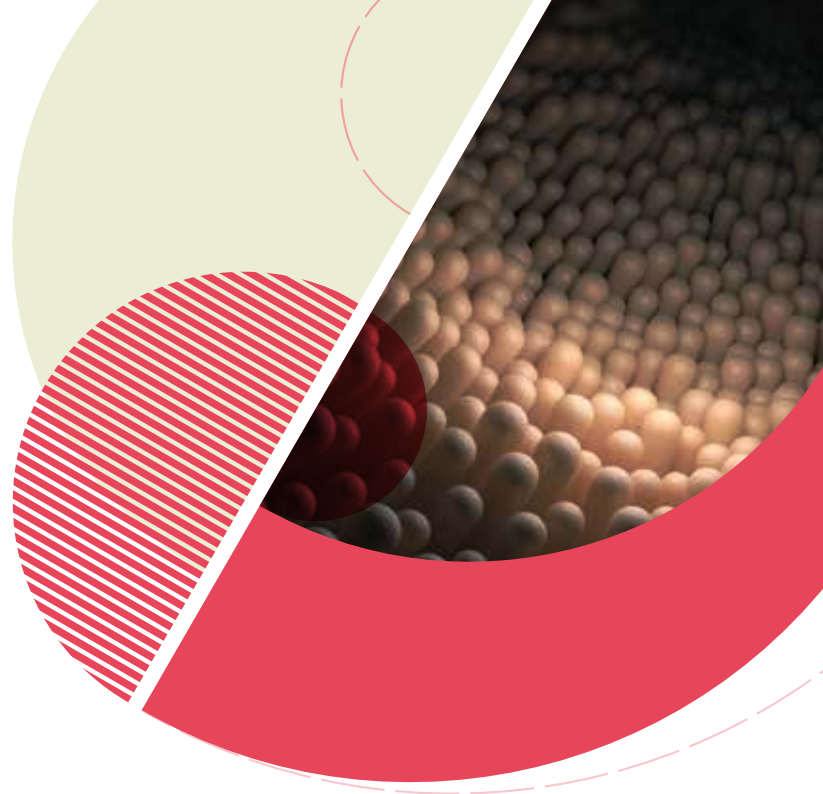
- Advance scientific understanding of HIV infection.



- Advance scientific understanding of complications caused by disease.



- Reduce costs for healthcare systems.



The **MISTRAL study** aims to understand how the bacteria in our gut impacts **risk of inflammation and disease** in people living with HIV.



**MISTRAL**

## WHAT IS THE GUT MICROBIOME?

The **gut microbiome** is all the microbes (i.e. bacteria, viruses and fungi) in the gut.



Bacteria in the gut may impact our **ability to fight off disease and inflammation** in our bodies.



Changes to the bacteria may also **impact risk of cardiovascular, kidney and liver disease** and other related illnesses in HIV positive individuals.