

About me



Lodovico Sterzi

- 1st year PhD student
Supervisor: Dr. Francesco Comandatore
- Master's degree in Biodiversity and
Evolutionary Biology

Work fields:

- Microbiology
- Evolutionary biology
- Bioinformatics
- Molecular biology

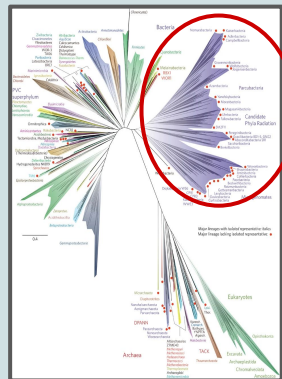


UNIVERSITÀ DEGLI STUDI DI MILANO



My research

Main project



Candidate Phyla Radiation (CPR)

“microbial dark matter”

peculiar **genomic features**
and **ecology**

present in human
microbiota

1. Clinical role of CPR groups in human microbiota
(typing, cultivation, genomics)
2. Evolution of the CPR (ecology, genome
architecture, interaction with bacterial host)

Side projects

1. Genomic characterisation of opportunistic
pathogen *Serratia marcescens*
2. DNA methylation in bacteria
3. Genomic epidemiology of parasites and fungi
(*Plasmodium malariae*, *Candida auris*)

Why am I here?

1. To **improve** my understanding
of phylogenetics
2. To understand how to perform
reliable phylogenomic analyses
on the **CPR**.
3. To meet other scientists and
exchange ideas :)

**If you are interested in what I work on and you
want to know more, come and talk to me!**

**Or contact me anytime at
lodovico.sterzi@unimi.it**