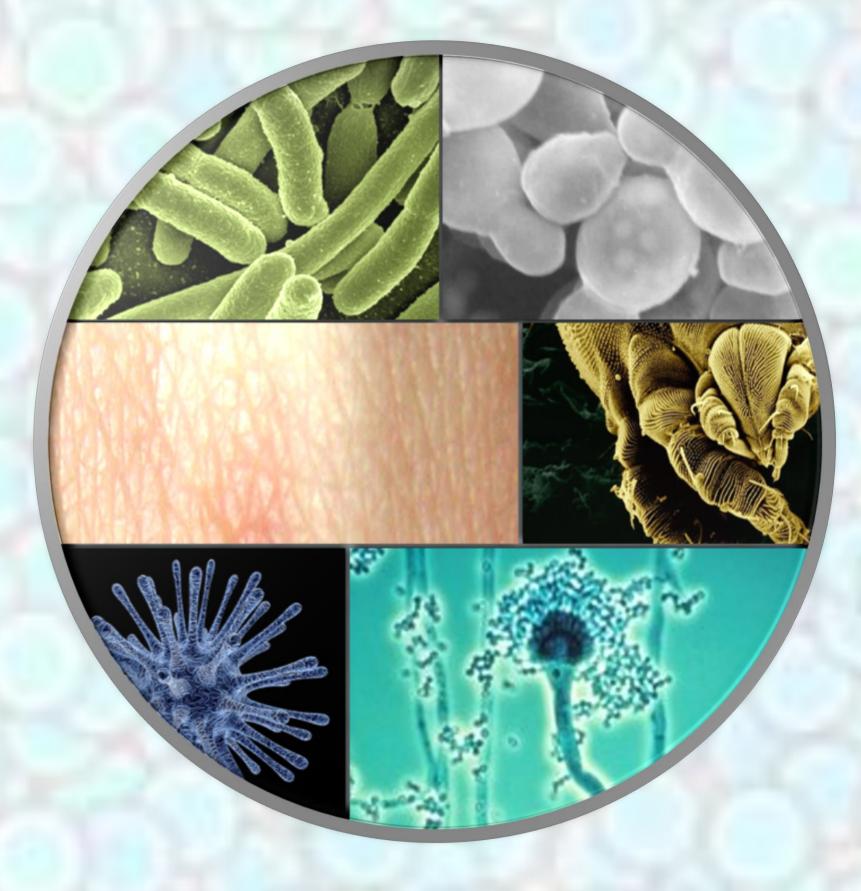
# With **PHYLOGENE**, It's time to think out of the box...



## **MICROBIOME**

15 millions years of human and microbes co-evolution



Stools, swabs...

Characterize and understand :
what happens at same time for host and micro-organisms
the host-bacteria interactions
the effects of the product on whole microbiome

DNA and PROTEIN EXTRACTION

METAGENOMICS PCR/SEQUENCING

Determination of microbial communities diversity and taxonomic composition METAPROTEOMICS LC-MS/MS Proteins identification and relative quantification

## **CLAIMING POTENTIALS**

CHARACTERIZATION

BIOINFORMATICS

Host-bacteria interactions, ...

### **POTENTIALS** Microbiota preservation, diversity enhancement, ...

### HEALTH POTENTIAL

Drugs effects, diseases pathogeny, pathogen reduction, pathogenic and virulence mechanisms management, ... ANALYSIS CORAVALID<sup>TM</sup> MicroXplore<sup>TM</sup> Identification of interactions and biological effects

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