

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



SKIN MICROBIOME MULTI-OMICS

15 millions years of human and microbes co-evolution

YOUR SAMPLES

Swabs, stools...



Characterize and understand :

- **what happens at same time** for host and micro-organisms **functions**
- the host-bacteria **interactions**
- the **effects** and **mechanisms of action** of **products or probiotics** on skin microbiome

METABOLOMICS

GC and LC-MS/MS

SCFA, FA, aminoacids, polyamines and carbohydrates metabolites, lipids, identification and relative quantification

METABOLITES and PROTEIN EXTRACTION

METAPROTEOMICS

LC-MS/MS

Proteins identification and relative quantification

CLAIMING POTENTIALS

CHARACTERIZATION

Host-bacteria functions and interactions,

POTENTIALS

Microbiota preservation, diversity enhancement, host metabolism, gut-skin axis understanding ...

SKIN HEALTH POTENTIAL

Ingredients and cosmetics discovery, diseases pathogeny, ...

BIOINFORMATICS ANALYSIS

CORAVALID™

HolXplore™

Identification of interactions and biological effects

