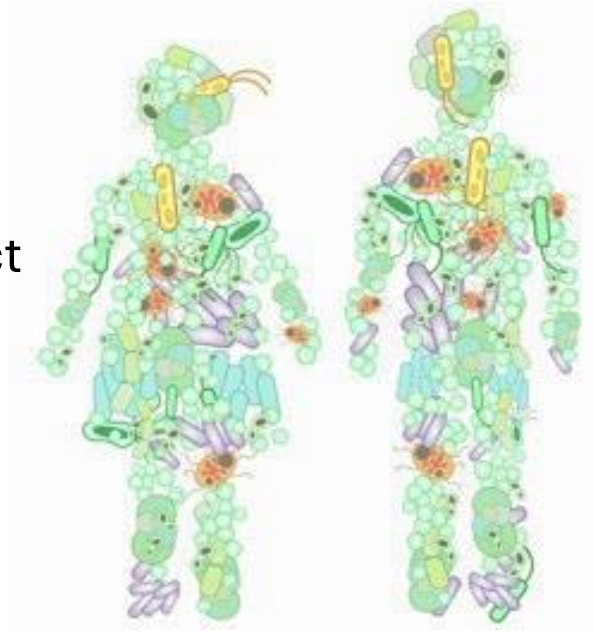
HORIZON-CL6-2026-02-FARM2FORK-11
Integrating a holistic perspective in microbiome research for resilient, competitive and sustainable food systems

Integral microbiome solutions for more resilient and sustainable food systems

- Metabolomic studies of fermented food matrices, to identify and select promising signatures associated with health benefits, which could define novel biosensors (e.g., project Synthbiomics)
- *In vitro* and *in vivo* validation of new ingredients and/or metabolites, to determine their pro/postbiotic effect and overall health effects (e.g.,project Parabiotics)
- Functional food studies, to define the contribution of food and gut microbiome composition to the gut-brain axis (modulation of neurotransmitters, effect on neural disorders, etc.) to define personalised nutrition strategies (e.g., project microBiomics)
- Generation of integrated omics data in collaborative projects like TecnomiFood



RedTecnomiFood

SYNTHBIOMICS
Innovative Biotechnology Solutions