



## PROBIOTICS

### **THE BEST POSSIBLE STRAIN TO GUARANTEE THE BEST CLINICAL EFFECT**

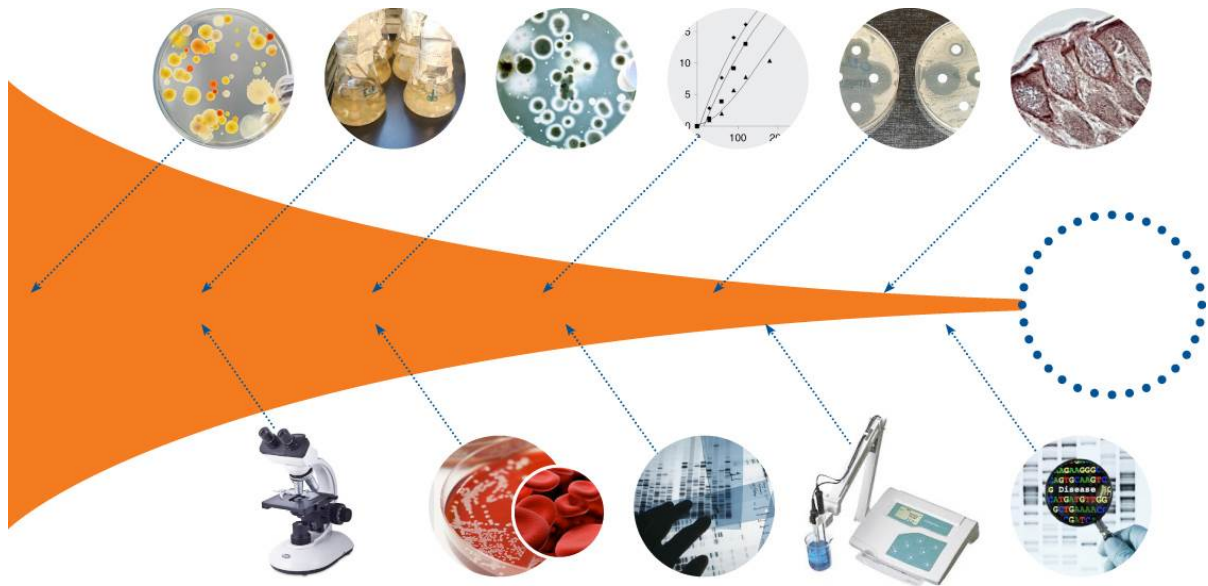
AB-Biotics owns a large collection of bacterial strains, collected from several places around the world, containing more than 550 different wild-type strains.

Its own bank of natural strains -the biggest private strain bank in Europe- allows AB-Biotics to develop one of the most innovative and patented probiotic pipeline in the world.

### **THE BEST POSSIBLE STRAIN TO GUARANTEE THE BEST CLINICAL EFFECT**

The current evidence proves the beneficial effects of probiotics are strain-specific. According to the World Gastroenterology Organisation (WGO) Practice Guidelines on Probiotics and Prebiotics, the potential probiotic health benefits can only be attributed to the strain or strains tested, and not to the species or the whole group of lactic acid bacteria or other probiotics.

AB-Biotics products are strains selected because of their specific biofunctionalities. Our product development methodology replicates that of a drug, guaranteeing a strong clinical background that proves the safety and efficacy of our products for the improvement of specific health conditions.



## FIRST GENERATION PROBIOTICS

1. Identify one strain present in the gut.
2. Look for applications.
3. Validate in vivo/ clinically.
4. Low to no reference to strain-specificity, concentrations and probiotics' stability

## AB-BIOTICS' SECOND-GENERATION PROBIOTICS

1. Identify therapeutic target
2. Identify putative MoAs
3. Screen for the strains with the best performance, compared to commercial controls
4. Validate in vivo / clinically
5. High-concentration (>1·10<sup>9</sup> cfu/dose) and high-quality (24 month stability) presentations