



Table of Life




















Company profile

SynBalance delivers highly scientifically evidenced probiotic solutions, taking care of people health through the modulation of the gut microbiota. In line with customer's need **SynBalance** provides:

- + High-potency probiotic strains
- + Clinically tested or customised premixes
- + Ready-to-go formulations (white label or licensing)

The philosophy pursued by **SynBalance**, focused the attention on the screening of its own library of proprietary probiotic bacteria, through specifically designed *in vitro* and *ex-vivo* assays, selecting the most performing strains confirmed with human clinical trials. Technical dossiers are based on the scientific background, supported by stability data and specific formulation proposal targeting consumers' requests.

List of Strains

PROBIOTIC BRAND	TAXONOMY	STRAIN CODE	CONCENTRATION	EU COLLECTION
SynbActive® 	<i>L. acidophilus</i>	PBS066	200 B CFU/g	DSM 24936
SynbActive® 	<i>L. plantarum</i>	PBS067	500 B CFU/g	DSM 24937
SynbActive® 	<i>L. reuteri</i>	PBS072	200 B CFU/g	DSM 25175
SynbActive® 	<i>L. rhamnosus</i>	LRH020	300 B CFU/g	DSM 25568
SynbActive® 	<i>L. fermentum</i>	PBS073	200 B CFU/g	DSM 25176
SynbActive® 	<i>L. paracasei</i>	LPC1114	500 B CFU/g	DSM 34559
SynbActive® 	<i>L. casei</i>	LC010	300 B CFU/g	DSM 25569
SynbActive® 	<i>L. crispatus</i>	LCR031	100 B CFU/g	CNCM I-5095
SynbActive® 	<i>L. gasseri</i>	LG050	200 B CFU/g	LMG P-29638
SynbActive® 	<i>L. bulgaricus</i>	LB025	50 B CFU/g	DSM 25567
SynbActive® 	<i>L. helveticus</i>	LH060	Available upon request	LMG P-31392
SynbActive® 	<i>B. animalis</i> subsp. <i>lactis</i>	BL050	300 B CFU/g	DSM 25566
SynbActive® 	<i>B. bifidum</i>	BBF210	250 B CFU/g	LMG P-29508
SynbActive® 	<i>B. longum</i> subsp. <i>longum</i>	BLG240	100 B CFU/g	LMG P-29511
SynbActive® 	<i>B. longum</i> subsp. <i>infantis</i>	BI221	100 B CFU/g	LMG P-29639
SynbActive® 	<i>B. breve</i>	BB077	300 B CFU/g	LMG P-30157
SynbActive® 	<i>S. thermophilus</i>	ST075	200 B CFU/g	DSM 26721
SynbActive® Premix	Customized solution		100 B CFU/g	

BEFORE BIRTH

Urogenital
EnjoyMum



4B CFU/day
Minimum 30 days treatment

✓ In-vitro dossier
✓ Clinically tested

- Improves the absorption of essential micronutrients: Calcium, Magnesium, Folate and Iron
- Support and protection against urogenital infections

LA LG

FROM 6 MONTHS TO 12 YEARS

Gastrointestinal
HappyBelly



4B CFU/day
Minimum 10 days treatment

✓ In-vitro dossier
✓ Clinically tested

- Inhibition of pathogens growth responsible for gastrointestinal infections
- Restoration of unbalanced microbiota due to antibiotics or infections
- Lower constipation and bloating symptoms

LA LR

FROM 3 TO 65 YEARS

Immunity
AllergAway



4B CFU/day
Minimum 30 days treatment

✓ In-vitro dossier
✓ Clinically tested

- Gut microbiota restoration
- Downregulation of sensitization markers
- Enhancement of Quality of Life
- Switch from Th2 response into Th1
- Lowering *S. aureus* infections

LA LRh BB BLg

Immunity
DefensePlus



3B CFU/day
28 days treatment

✓ In-vitro dossier
✓ Clinically tested

- Patent pending probiotic complex
- Higher expression of antimicrobial peptides
- Self-production of Cobalamin (B12), helping maintain the natural body defence
- Lowering n° of days with seasonal symptoms

LP LA BL

Oral Care
Gumtastic



2B CFU/day
Minimum 30 days treatment

✓ In-vitro dossier

- Patent pending probiotic complex
- Supporting gum health
- Protection from oral pathogens
- Avoiding pathogens biofilm formation
- Coating on dentin

LP LPc

FROM 12 TO 65 YEARS

Gastrointestinal
SmilinGut



6B CFU/day
Minimum 10 days treatment

✓ In-vitro dossier
✓ Clinically tested

- Inhibition of entopathogens
- Gut microbiota restoration
- Reduction of gastrointestinal symptoms severity
- Prolonged remission of the symptoms

LP LRh BL

Gastrointestinal
DRstop



6B CFU/day
Minimum 10 days treatment

✓ In-vitro dossier

- Restoration of unbalanced microbiota
- Reduction of symptoms severity
- Modulation of gut permeability associated to high stress condition

LA LR BB

FROM PUBERTY

Urogenital
Femme



3B CFU/day
14 days treatment

✓ In-vitro dossier
✓ Clinically tested

- Patented synergistic probiotic complex
- Inhibition of a wide spectrum of vaginal pathogens
- Quick improvement of BV symptoms
- Reduction of BV recurrences
- Proven vaginal colonization from oral intake

LP BL LRh

Urogenital
Lady



2B CFU/day
14 days treatment

✓ In-vitro dossier
✓ Clinically tested

- Inhibition of a wide spectrum of urovaginal pathogens
- Gastrointestinal and vaginal colonization
- Proven vaginal colonization from oral intake

LA LR

Urogenital
GynElle



3B CFU/day
14 days treatment

✓ In-vitro dossier
✓ Clinically tested

- Inhibition of a wide spectrum of vaginal pathogens
- Reduction of VVC recurrences & symptoms
- Proven vaginal colonization from oral intake

LP LA LRh

Urogenital
ProstaBiome



3B CFU/day
Minimum 14 days treatment

✓ In-vitro dossier

- Complete inhibition of *E. coli* in both prevention and treatment models
- Modulation of the immune response
- Improvement of antioxidant potential

LF BL LG

FROM 12 TO 65 YEARS

Gastrointestinal
EnzyME



4B CFU/day
Minimum 30 days treatment

✓ In-vitro dossier

- Enhancement of Lactase-like activity
- Metabolization of immunogenic gluten peptide (gliadin)
- Quick outcome and time-dependent effect
- Potential improvement from food intolerance discomforts

LH BB

Gastrointestinal
DRstop AB



4B CFU/day
Minimum 10 days treatment

✓ In-vitro dossier

- Prevention of antibiotic associated diarrhea
- Reduction of abdominal pain
- Gut microbiota restoration

LF LG

Gastrointestinal
DRstop Travel



6B CFU/day
Minimum 10 days treatment

✓ In-vitro dossier

- Prevention of travellers diarrhea
- Antimicrobial activity against *H. pylori*
- Gut microbiota restoration

LRh LH BL

FROM 12 YEARS

Gut-skin Axis
ProBeautyShield



3B CFU/day
Minimum 28 days treatment

✓ In-vitro dossier
✓ Clinically tested

- Patent pending probiotic complex
- Support the gut-skin axis
- Improvement of atopic and acneic prone skin
- Improvement of skin hydration, smoothness and barrier effect
- Reduction of acneic lesions, comedones

LP LR LRh

FROM 12 YEARS

Gut-brain Axis
KeepCalm



4B CFU/day
Minimum 28 days treatment

✓ In-vitro dossier
✓ Clinically tested

- Patent pending probiotic complex
- Rebalance the gut-brain axis
- Stimulation of neurotransmitter expression
- Stress management & sleep quality improvement in several target population

LR BB

FROM 12 YEARS

Metabolic & Weight
KcALT



6B CFU/day
Minimum 30 days treatment

✓ In-vitro dossier

- Improvement of lipids metabolism
- Lipids absorption reduction
- Lower carbohydrates absorption
- Modulation of hunger hormones

LRh LR

FROM 12 YEARS

Metabolic & Weight
CholDown



4B CFU/day
30 days treatment

✓ In-vitro dossier
✓ Clinically tested

- Patent pending probiotic complex
- Enhancement of BSH activity
- Modulation of cholesterol metabolism
- Reduction of total cholesterol and LDL cholesterol

BL LG

FROM 12 YEARS

Metabolic & Weight
MetSyn



6B CFU/day
60 days treatment

✓ In-vitro dossier
✓ Clinically tested

- Reduction of visceral adipose index and waist circumference
- Amelioration of TC and TG profiles
- Downregulation of chronic inflammation markers
- Enhancement of Quality of Life

LP LA LR

FROM 12 YEARS

Sport Nutrition
SportMax



4B CFU/day
Minimum 30 days treatment

✓ In-vitro dossier

- Improvement of natural physiologic defense
- Reduction of systemic inflammation & oxidative stress
- Nutrients absorption modulation
- Reduction of typical GI complaints during and post training

LP LRh LA BL

FROM 65 YEARS

Immunity
Wellderly



4B CFU/day
28 days treatment

✓ In-vitro dossier
✓ Clinically tested

- Patent pending probiotic complex
- Restoration of gut microbiota biodiversity
- Reduction of low-grade chronic inflammation and oxidative stress
- Reduction of gastrointestinal discomforts

LP BL BI BLg

Urogenital

Oral Care

Immunity

Gut-skin Axis

Gut-brain Axis

Metabolic & Weight

Gastrointestinal

Sport Nutrition



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