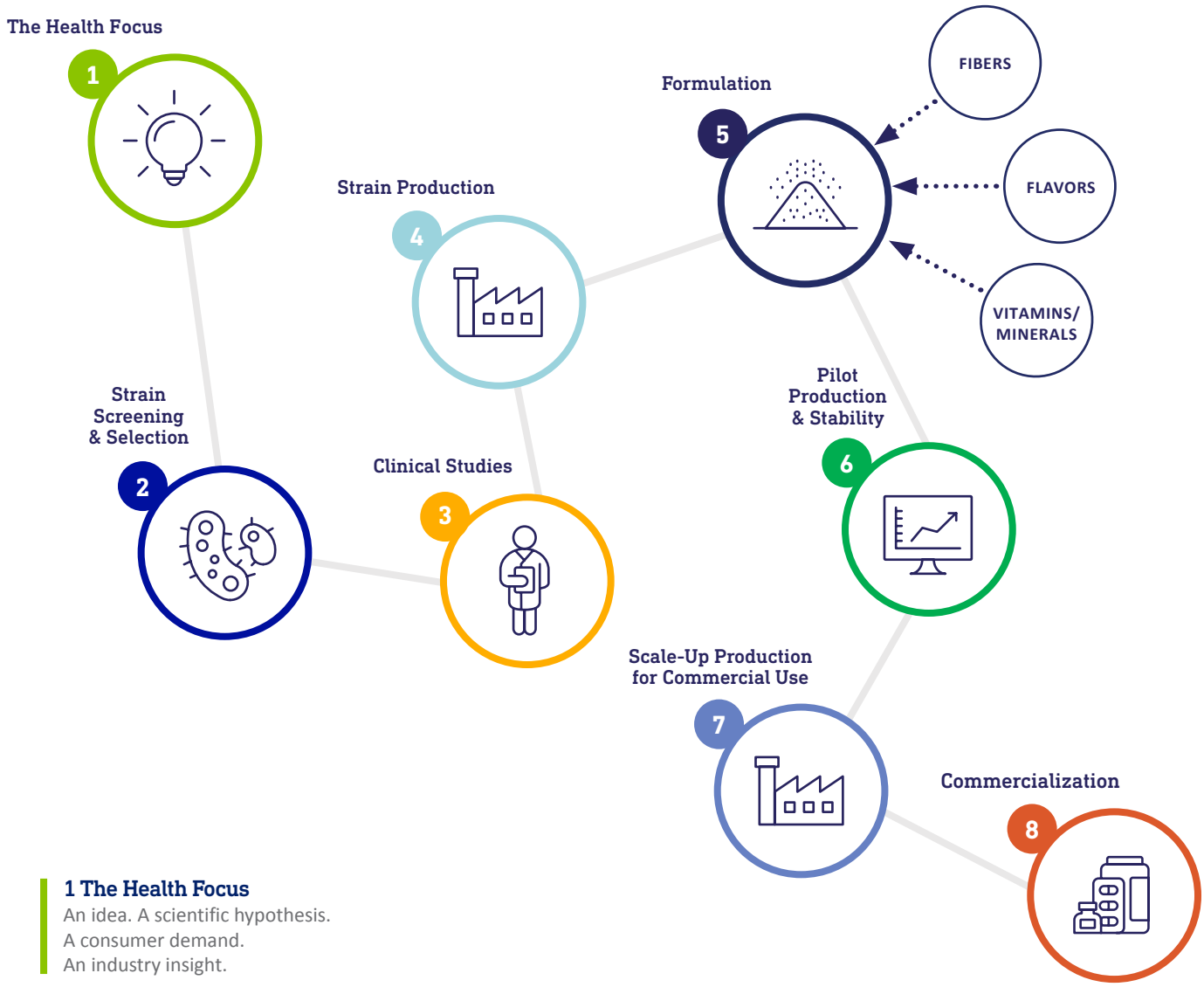


FROM LAB TO LIFE

Functional Ingredients & Turnkey Food Supplement Solutions

ADM®

Solutions from Development to Production



1 The Health Focus
An idea. A scientific hypothesis.
A consumer demand.
An industry insight.

2 Strain Screening & Selection
The perfect strain is selected to meet a specific health need. This requires isolation and state-of-the-art preclinical research in our advanced laboratories.

3 Clinical Studies
Starting with our *C. elegans* testing, we select the best strains for clinical trials. Murine models can be utilized to support *in vitro* assumption. Favorable pre-clinical data are then tested in double-blind, randomized, placebo-controlled studies.

4 Strain Production
Scale-up and production of the selected strain is done under rigorous control.

5 Formulation
The right formulation, aligned to our customers' needs, assuring the benefits and product features remain unchanged throughout shelf life.

6 Pilot Production & Stability
Products are tested for stability, a key parameter when talking biotics.

7 Production
Our factories meet the highest production standards; they maintain reputable third-party certifications and are audited on an annual basis.

8 Commercialization
Our commercial teams partner directly with you to support the product development process from concept to commercialization.

Consumer Health & Wellness Needs Are Met with Science-Backed Functional Ingredient Solutions

Digestive Health
- Prebiotics: Fibersol®
- Probiotics: DE111®, Esflorin1™, Balance Blend, Restore Blend
- Postbiotic: Esflorin1™

Immune Health Support
- Probiotics: DE111®, *B. lactis* CECT 30860, Restore Blend

Metabolic Health, Cardiovascular Health
- Prebiotics: Fibersol®
- Probiotics: BPL1®, Balance Blend
- Postbiotic: BPL1®
- Fruit Up® Gluco

Mood, Stress & Sleep
- Postbiotic: *L. gasseri* CP2305

Women's Health
- Probiotic: Balance Blend
- Postbiotic: *L. gasseri* CP2305

Children's Living
- Probiotics: Restore Blend, Balance Blend, *B. lactis* CECT 30853, *B. lactis* CECT 30854, *B. lactis* CECT 30860

Skin Health
- Probiotics: AD Blend, Smooth Skin Blend

Healthy Living
- Probiotic: Balance Blend

Active Nutrition
- Probiotics: DE111®, Active Lifestyle Blend
- Postbiotic: *L. gasseri* CP2305

**B. longum* CECT 7374, launched under the ES1 name, is now known as Esflorin1™.*

Turnkey Solutions

Digestive Health

Name	Ingredients	Dosage/Day	Fastmelt Stick	Stick	Capsule	Sachet	Oil Drop	Pouch
Tribiotic Digestive	Fibersol®, *B. subtillis* DE111®, Esflorin1™ postbiotic *(B. longum* CECT 7347*)*	1 billion CFU + 25mg			✓			
Calm Digestive	Esflorin1™ postbiotic *(B. longum* CECT 7347*)*	25mg	✓					
Fibre Digestive	Fibersol®	5-10g		✓				✓
Comfo Digestive	*L. paracasei* NCIMB 30185 *L. plantarum* NCIMB 30187 *L. rhamnosus* NCIMB 30188 *B. subtilis* NCIMB 30223 *B. bifidum* NCIMB 30179 *B. breve* NCIMB 30180 *B. longum* NCIMB 30182 *L. helveticus* NCIMB 30184 *L. lactis* ssp. *Lactis* NCIMB 30222 *S. thermophilus* NCIMB 30189 *B. infantis* NCIMB 30181 *L. delbrueckii* ssp. *bulgaricus* NCIMB 30186 *L. helveticus* NCIMB 30224 *L. salivarius* NCIMB 30225	8 billion CFU			✓			
Travel Digestive	*S. boulardii* & vitamin D	5 billion CFU			✓			
Acute Digestive	*B. animalis* ssp. *lactis* BIFOLAC® 12 & *L. acidophilus* BIFOLAC® 5	2 billion CFU	✓	✓	✓			

Metabolic Health, Cardiovascular Health

Name	Ingredients	Dosage/Day	Fastmelt Stick	Stick	Capsule	Sachet	Oil Drop	Pouch
Tribiotic Fit	Fibersol®, *B. lactis* CECT 8145 Postbiotic - BPL1®, *B. subtilis* DE111®, chromium	33mg + 1 billion CFU			✓			
Balance	*L. casei* NCIMB 30185 *L. rhamnosus* NCIMB 30188 *S. thermophilus* NCIMB 30189 *L. acidophilus* NCIMB 30184 *B. breve* NCIMB 30180 *B. longum* NCIMB 30182 *L. delbrueckii* ssp. *bulgaricus* NCIMB 30186	400 million CFU			✓			

Mood, Stress & Sleep

Name	Ingredients	Dosage/Day	Fastmelt Stick	Stick	Capsule	Sachet	Oil Drop	Pouch
Calm Mental Health	*L. gasseri* CP2305 Postbiotic, lemon balm, vitamin B12	20mg	✓					
Smile	*L. paracasei* NCIMB 30185 *L. plantarum* NCIMB 30187 *L. rhamnosus* NCIMB 30188 *B. subtilis* NCIMB 30223 *B. bifidum* NCIMB 30179 *B. breve* NCIMB 30180 *B. longum* NCIMB 30182 *L. helveticus* NCIMB 30184 *L. lactis* ssp. *Lactis* NCIMB 30222 *S. thermophilus* NCIMB 30189 *B. infantis* NCIMB 30181 *L. delbrueckii* ssp. *bulgaricus* NCIMB 30186 *L. helveticus* NCIMB 30224 *L. salivarius* NCIMB 30225 Vitamins D3, B6, B12, magnesium, zinc	8 billion CFU			✓			
Cognitive Mental Health	*B. subtilis* NCIMB 30223, zinc, grape & blueberry extracts	1 billion CFU			✓			

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Turnkey Solutions

Name	Ingredients	Dosage/Day	Fastmelt Stick	Stick	Capsule	Sachet	Oil Drop	Pouch
Women's Health								
Balance+	*L. casei* NCIMB 30185 *L. rhamnosus* NCIMB 30188 *S. thermophilus* NCIMB 30189 *L. acidophilus* NCIMB 30184 *B. breve* NCIMB 30180 *B. longum* NCIMB 30182 *L. delbrueckii* ssp. *bulgaricus* NCIMB 30186 Vitamin A, C, E	200 million CFU			✓			
EcoVag®	*L. gasseri* EB01 *L. rhamnosus* PB01	200 million CFU			✓			
Meno Fit	*B. lactis* BPL1® Postbiotic, Novasoy® soy isoflavones, chromium	33mg			✓			
Meno Calm	*L. gasseri* CP2305 Postbiotic, Novasoy® soy isoflavones, vitamin B6 & B12	20mg			✓			
Immune Health Support								
Protect Immune	*L. rhamnosus* BIFOLAC® GG & *B. animalis* ssp. *Lactis*	3 billion CFU	✓		✓			
Protect Immune Kids	*L. rhamnosus* BIFOLAC® GG & *L. rhamnosus Lr*1505, vitamin C	1.1 billion CFU		✓				
AR Immune	Esflorin1™ postbiotic *(B. longum* CECT 7347*)*	20mg	✓		✓			
Children's Living								
Restore+	*L. paracasei* NCIMB 30185 *L. rhamnosus* NCIMB 30188 *S. thermophilus* NCIMB 30189 *L. helveticus* NCIMB 30184 *B. breve* NCIMB 30180 *B. infantis* NCIMB 30181 *L. delbrueckii* ssp. *bulgaricus* NCIMB 30186 Vitamin C	1-2 billion CFU				✓		
Start GI Infant	*L. rhamnosus* BIFOLAC® GG	1 billion CFU					✓	
Mum & Baby	*L. casei* NCIMB 30185 *L. rhamnosus* NCIMB 30188 *S. thermophilus* NCIMB 30189 *L. acidophilus* NCIMB 30184 *B. breve* NCIMB 30180 *B. longum* NCIMB 30182 *L. delbrueckii* ssp. *bulgaricus* NCIMB 30186	200 million CFU			✓			
Skin Health								
AD	Esflorin1™ postbiotic *(B. longum* CECT 7347*)* *B. animalis* ssp. *lactis* CECT 8145 - BPL1® *L. casei* CECT 9104	1 billion CFU		✓	✓	✓		
Smooth Skin	Esflorin1™ postbiotic *(B. longum* CECT 7347*)* *B. lactis* CECT 8145 - BPL1® *L. rhamnosus* CECT 8361	1 billion CFU		✓	✓	✓		
Healthy Living								
Vitalize	Esflorin1™ postbiotic *(B. longum* CECT 7347*)* *L. casei* CECT 9104 *L. rhamnosus* CECT 8361 *B. longum* NCIMB 30182 Magnesium	1.1 billion CFU			✓			

Microbiome Capabilities and Research

With ADM, you get the power of the full range of pre, pro and postbiotics—all from one source. That includes more than just ingredients. We also provide end-to-end microbiome capabilities to help you create custom solutions that go from bench-top testing to full-scale production.

We start by assessing future-forward trends, then get to work on strain development. This is comprised of: pre-clinical evaluation, including *in vitro*, cell cultures and *C. elegans* models; omics analysis, including genomics and metabolomics; microbiome analysis; and strain development, including pilot, scale-up and stability testing. The process concludes with a best-in-class solution coupled with industry-leading support.



ADM Delivers for You

An expansive portfolio of health & wellness ingredients, including biotics, vitamins and more, means you can deliver innovative, science-driven supplements and food and beverage formulations to meet consumers' evolving functional nutrition needs. With our vertically integrated supply chain to protect the reliability and availability of high-quality products and our dependable customer service, you get industry-leading quality solutions to ensure your success.

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