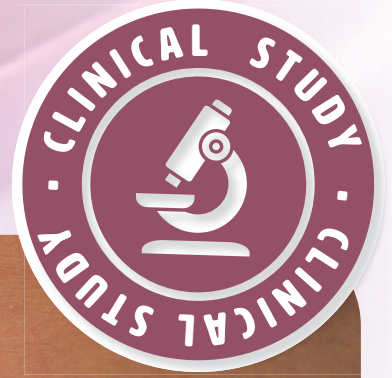


NEW

IBS SUPPORT

INNOVATIVE FOOD SUPPLEMENTS

Clinical study
Unique composition
Synergy of ingredients



IBS SUPPORT



A polyphenol-based synbiotic solution for supporting
bowel resilience in Irritable Bowel Syndrome



Republic of Poland



European Union

ARONPHARMA

Science is our attitude

Constipated IBS

Diarrheal IBS

Mixed IBS

Setting the new standard for Irritable Bowel Syndrome management - a polyphenol-based synbiotic solution for supporting bowel resilience in IBS

What is irritable bowel syndrome and why it matters?

- Irritable bowel syndrome (IBS) is a significant global burden on individuals, healthcare systems, and society. The prevalence of IBS is increasing in developing countries due to rapid modernization and westernization.
- Irritable bowel syndrome (IBS) is a common disorder that affects the stomach and intestines.
- The pathophysiology of IBS is complex and influenced by genetics, diet, and the gut microbiome. IBS is a chronic condition and demands constant monitoring.
- It is achievable to reverse the effects of the Western lifestyle and reduce the symptoms of IBS.



IBS SUPPORT

2 x 30 DRcaps®HPMC capsules
30 sachets of powder

Active ingredient: 1 capsule #1

Fenactive® - *Aronia melanocarpa*
fruit extract and *Sambucus nigra* L. 200 mg
fruit extract DER 55:1, of which:

polyphenols (25%) 50 mg

anthocyanins (15%) 30 mg

Active ingredient: 1 capsule #2

B. animalis subsp. *lactis* BLC1 5*10⁹ CFU

S. boulardii SP9 250 mg

B. lactis UABla-12™ 1*10¹⁰ CFU

B. animalis subsp. *lactis* BS01
(LMG P-21384) 5*10⁹ CFU

Active ingredient: 1 sachet

Sunfiber® 5g





Modified based on: Fukudo, S., Kaneko, H., Akhro, H. et al. Evidence-based clinical practice guidelines for irritable bowel syndrome. JGastroenterol 50, 11–30 (2015). <https://doi.org/10.1007/s00535-014-1017-0>

Why should you add IBS Support to your product portfolio?

- Innovative ingredient composition helps restore the intestinal microbiota balance and supports its maintenance.
- Ingredients with a multi-directional impact on individuals with irritable bowel syndrome.
- Probiotics with documented influence on gut health improvement.
- Standardized extracts, ensuring constant polyphenols intake, stability, and good consistency overtime.
- Sunfiber® does not exacerbate IBS symptoms and is suitable for individuals who should follow a low FODMAP diet.
- Solution suitable for all IBS types (IBS-C, IBS-D, IBS-M/U).
- Improved life comfort for people with IBS.
- Free of redundant additives.

IBS Support benefits backed by science

- Increases butyric acid levels – a short-chain fatty acid (SCFA) that serves as a major energy source for colonocytes, helps maintain intestinal barrier integrity, promotes gut motility, reduces visceral hypersensitivity and shows anti-inflammatory properties.
- Decreases TNFα levels, thus reducing inflammation associated with gastrointestinal symptoms in IBS.

CLINICAL STUDY

„The effect of a combination of polyphenol-rich extracts, probiotics and hydrolyzed fiber on the quality of life of patients with Irritable Bowel Syndrome (IBS).“ No. KB-110/23.

Randomized, parallel-group, placebo-controlled study:

2 months of daily supplementation • Women and men, 18-55 years old, diagnosed with Irritable Bowel Syndrome (IBS):

SUMMARY OF THE RESULTS

Obtained results indicate the potential of a **complex preparation consisting of polyphenol-rich extracts, probiotic bacteria, yeast, and prebiotics** in managing IBS molecular manifestations.

- **GROUP I** receiving placebo (n=16)
- **GROUP II** receiving a combination of probiotic bacteria and yeast + prebiotic (n=16)
- **GROUP III** receiving a combination of Fenactive®, probiotic bacteria and yeast + prebiotic (n=16)

RESULTS

Butyric acid, a short-chain fatty acid produced by gut bacteria, is vital for gut health.

Changes in its concentration are associated with:

- Intestinal inflammation
- Increased gut permeability
- Altered immune responses seen in IBS

Increasing its production or supplementation may potentially improve IBS symptoms by promoting intestinal barrier integrity and reducing inflammation.

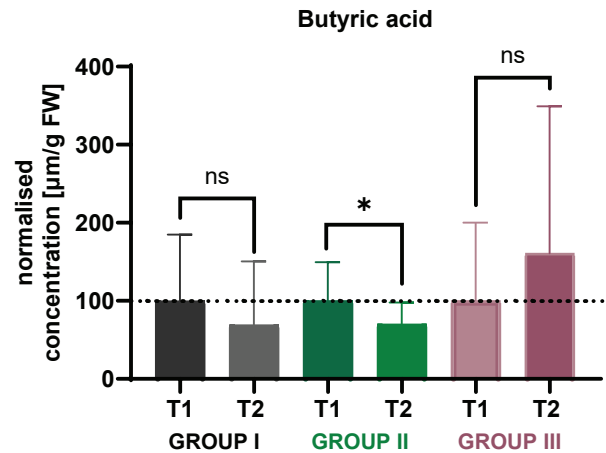


Fig. Fecal levels of butyric acid measured by UPLC-HESI-HRMS/MS. The results after supplementation at T2 were normalized to the pre-treatment visit (T1) of each group. The data are presented as means \pm SD. Comparisons with $p < 0.05$ were displayed.

Compared to the GROUP I (placebo) and the GROUP II receiving a combination of probiotic bacteria, yeast, and prebiotic, only the **complex preparation containing additional FENACTIVE® – polyphenol-rich extracts (GROUP III)** increased the level of butyric acid.

RESULTS

Inflammation is increasingly recognized as a contributor to **Irritable Bowel Syndrome (IBS)**. Elevated levels of inflammatory markers in the gut lining can compromise the gut barrier, disrupt normal gut motility, and alter the gut microbiota, exacerbating symptoms.

Understanding and addressing inflammation is crucial for effective IBS management.

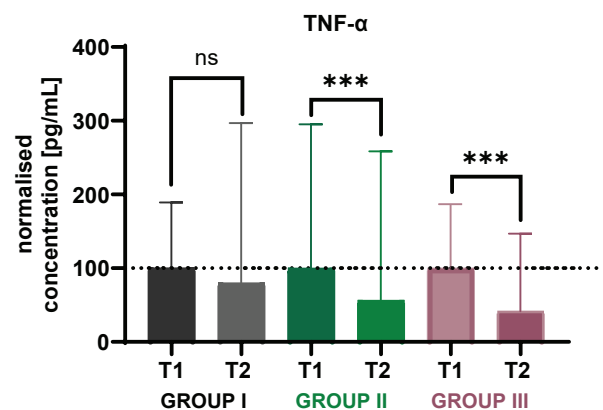
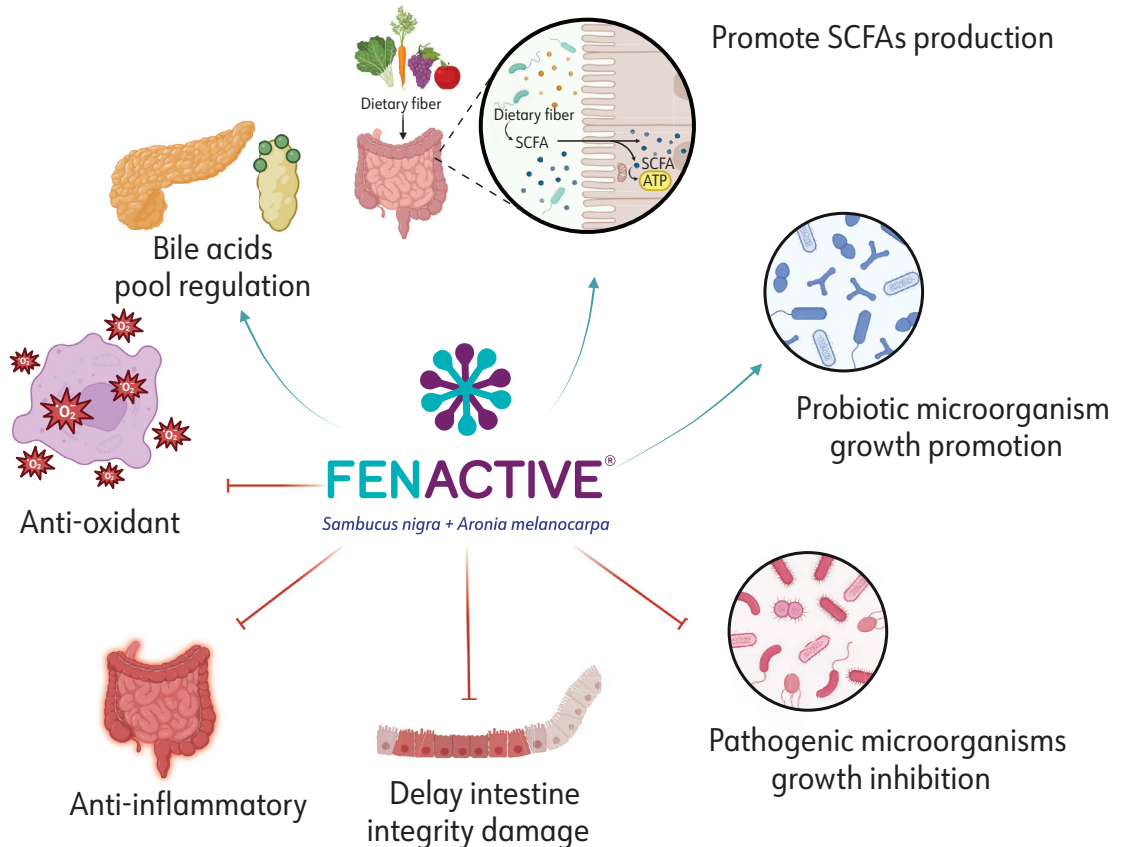


Fig. Serum cytokine TNF- α levels measured by ELISA. The results after supplementation at T2 were normalized to the pre-treatment visit (T1) of each group. The data are presented as means \pm SD. Comparisons with $p < 0.05$ were displayed.

Compared to the placebo GROUP I (placebo), the supplemented preparations in GROUP II and III **lowered the level of the pro-inflammatory cytokine TNF- α** . The most effective was the **complex preparation containing FENACTIVE® – polyphenol-rich extracts (GROUP III)**.

Fenactive®

Polyphenols in the FENACTIVE® blend protect bowel, promote a healthy microbiome, and possess crucial properties to start and maintain IBS remission



Probiotics role in bowel balance restoration

A carefully designed formula of probiotics works synergistically to treat IBS. Each strain offers targeted benefits, working together to alleviate symptoms, improve gut health, and enhance overall quality of life. Supported by scientific evidence, these probiotics provide effective, safe, and well-tolerated support for people struggling with IBS.

- Immune System Support
- Protection Against Oxidative Stress
- Symptom Relief and Comfort
- Microbial Diversity and Gut Integrity
- Quality of Life Improvement
- Efficacy and Safety

Probiotics

Bifidobacterium animalis subsp. *lactis* BLC1

Bifidobacterium animalis subsp. *lactis* BS01 (LMG P-21384)

Bifidobacterium lactis UABla-12™

Saccharomyces boulardii SP9

Sunfiber®

- Fiber influences microbial diversity in IBS patients.
- Enzymatically partially depolymerized guar gum has prebiotic properties, enhances metabolism, and stimulates gut motility.
- Sunfiber®'s soluble fiber is a low FODMAP ingredient, meaning it does not cause excess gas, bloating, or loose stools associated with high FODMAP fibers.
- Dissolves in water without altering texture or aroma.
- Increases satiety after meals and has low glycemic index.

ARONPHARMA

Innovative Branded Products

As a biotechnology company specializing in functional nutraceuticals and food supplements, our team excels in researching and developing biologically active, unique formulations.

We are committed to offering the highest quality, scientifically-backed products.



Our holistic approach to product development integrates extensive R&D with production capabilities and fruitful partnerships with universities. It allows us to maintain full control and ensure the highest standards in creating innovative supplements with clinically proven effectiveness, using original formulations and high-quality plant extracts to support your health and well-being.

We pride ourselves on being a research and development leader, particularly in the field of:

- Polyphenol-rich plant extracts
- Liposomal preparations
- Adaptogens
- Probiotics and prebiotics

OUR BRANDS

Berroxin®

Immune System

RETICO®

Eye Health

ONCO

Oncological Patient Support

NEW

Lipo4U™

Liposomal vitamins & Minerals

FORMINOL®

Diabetes Treatment

IBS

IBS Support

NEW

B-PAC® **PAC-ON®**

Sport Nutrition Mental well-being

MELARGINOL®

Heart & Circulatory System

yanesse

Women's Beauty & Health

NEW

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