



ODILIA™



NATURAL SUPPORT FOR GUT & BRAIN HEALTH

ODILIA™ is a powder extract obtained from *Opuntia cladode* juice standardized in polysaccharides and piscidic acid, a characterizing fingerprint of this plant.

Thanks to its composition, **ODILIA™** acts as a prebiotic agent, supporting a healthy gut microbial population. It helps reduce fatigue and supports stress management through a targeted action on the microbiota-gut-brain-muscle axis, supporting beneficial microbial metabolism.



COMPOSITION

ODILIA™
% (W/W)

Polysaccharides (as glucose)

40-60

Polysaccharides (gravimetric)

≥ 20

Piscidic acid

≥ 0,5

SUGGESTED DOSAGE: 300 MG/DAY

The last clinical trial has demonstrated that the unique phytocomplex of polysaccharides and piscidic acid is able to have a positive impact on gut health and wellbeing:

Benefits



**SUPPORTS THE GUT HOMEOSTASIS WITH
A PREBIOTIC ACTIVITY**



**IMPROVES THE MICROBIAL
DIVERSITY**



**SUPPORTS PHYSICAL
AND EMOTIONAL WELLBEING**



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ODILIA™

Scientific evidence of *Opuntia ficus-indica cladodes* extract intake



IMPROVES GUT HOMEOSTASIS

The Firmicutes/Bacteroidetes ratio is a marker of gut health when is close to 1 (higher values are related to dysbiosis). ODILIA™ was able to improve this ratio of about 35% and 43% after 4 and 8 weeks of supplementation respectively getting closer to 1.



IMPROVES THE MICROBIAL DIVERSITY

The supplementation led to a significant enrichment of beneficial microorganisms generally associated with immunomodulatory, anti-allergy, anti-oxidative and anti-inflammatory functions. At the same time, ODILIA™ supplementation highlighted a depletion of pro-inflammatory and potentially pathogenic taxa, leading to a more balanced intestinal microbial community and contributing to improved microbial diversity.



SUPPORTS THE PHYSICAL AND EMOTIONAL WELLBEING

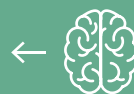
Additional evidence showed that ODILIA™ promotes the production of beneficial microbial metabolites, including short-chain fatty acids (SCFAs) and neuroactive molecules involved in gut-brain communication. Together with the clinical evidence on gut microbial changes and subject-reported physical and emotional wellbeing, these findings support the role of ODILIA™ along the microbiota-gut-brain-muscle axis.

The microbiota-gut-brain-muscle axis is an emerging concept supported by growing scientific evidence. Gut homeostasis is increasingly recognized as a key factor for human wellbeing, as it provides the basis for a positive interaction between intestinal microbiota, the central nervous system, skeletal muscle energy metabolism and feeding behaviour.

↑ cope with everyday stress

↓ tiring

↓ stress-associated eating



mental health



↑ skeletal muscle energy metabolism



↓ abdominal pain
↓ fullness
↓ belching
↓ gurgling noises



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