

Next Evolution in Immune & Gut Health: **Postbiotics**



THE FUTURE of healthy living starts in the gut

More and more, the positive effects our gut microbiome can have on our health, brain, digestive & immune systems is becoming evident. As a leader in understanding the microbiome, our mission at Cargill's Health Technologies business is to

help people & animals *live more healthy days*.™ In our experience with ingredients like EpiCor® postbiotic, we're more than doing our part. We're driving the next evolution in consumer health.



75+ Years of Fermentation Expertise

Cargill is a leader in developing specialized postbiotic fermentates that support human and animal health. Our technology uses an anaerobic fermentation process to create a unique fingerprint of beneficial metabolites. Followed up by rigorous clinical research, our postbiotics are some of the most clinically tested ingredients showing immune and gut benefits.

Postbiotic Research: Immunity, Gut & Safety

15 published studies on EpiCor
(8 human clinical trials)

EPICOR®
POSTBIOTICS

WHAT'S THE DIFFERENCE?

Prebiotics, Probiotics & Postbiotics

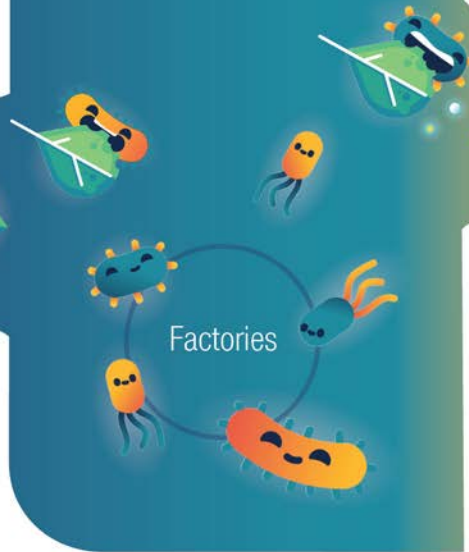
PREBIOTICS

Prebiotics, like fiber found in leafy greens, are **The Fuel** for the beneficial bacteria in your gut.



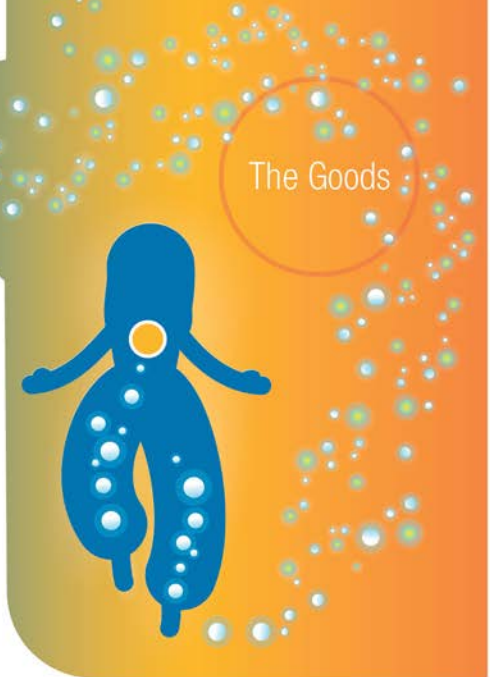
PROBIOTICS

Probiotics, such as live beneficial bacteria, act like **Factories** to ferment fibers and prebiotics to make *Metabolites*.



POSTBIOTICS

Fermented outside the body by bacteria or yeast, postbiotics contain the beneficial metabolites, **The Goods**, that support your body.



Immune and Gut Benefit

EpiCor® postbiotic delivers benefits directly to your gut. Over a dozen published studies show that EpiCor helps support your immune and gut health to help you *live more healthy days*.™

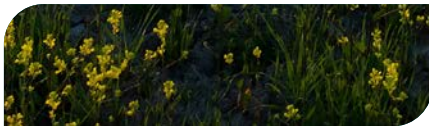


EPICOR®
POSTBIOTICS



75+

YEARS OF FERMENTATION EXPERTISE



PRODUCTION / COMPOSITION

EpiCor® postbiotic is an innovative whole food fermentate ingredient resulting from a specialized anaerobic fermentation process using *Saccharomyces cerevisiae* (baker's yeast). It is comprised of a unique fingerprint of metabolites including proteins, peptides, antioxidants, polyphenols, organic acids, nucleotides, polysaccharides (beta-1,3/1,6-glucans) and mannans.

MANUFACTURER / FACILITY

EpiCor® postbiotic is manufactured in the USA by Cargill's Health Technology business in a state-of-the-art facility that meets dietary supplement current Good Manufacturing Practices (cGMP). EpiCor® postbiotic facilities are inspected and certified by NSF International (21 CFR Part 111).

RESEARCH

The published human clinical, *in vivo* and *in vitro* studies on EpiCor® postbiotic include:

- Immune Support
- Pollen Support
- Microbiome Effects
- Fast-Acting
- Safety

CERTIFICATIONS & DESIGNATIONS

Made in the USA | New Dietary Ingredient (NDIN) | Certified OU Kosher | Halal | NSF/ cGMP Certified | BSE/TSE Free
Gluten Free | Vegan | Non-GMO Project Verified



DIFFERENTIATE

With EpiCor® Postbiotic

BENEFITS IN SUPPLEMENT SPACE

- Over a dozen published research studies
- Supports immunity, gut and microbiome health
- Leverage unique discovery story based on real-life benefits
- No bloating with fermentation (which can produce gas in the gut) happening outside the body
- Get versatility and stability (does not need to be kept alive)
- Digestive health at only 500mg



BENEFITS IN FUNCTIONAL FOOD SPACE

- Savory, umami flavor that complements or even enhances the taste in bars, chocolates, teas and more
- 500mg dose makes it easy to fit into functional foods and beverages
- Get versatility and stability (does not need to be kept alive)
- Heat and pH stable
- 3-year shelf life from manufacture date

BENEFITS IN ANIMAL SPACE

- Safe and palatable for dogs
- 7 mg per kg body weight
- Over 300 studies on livestock



CARGILL'S HEALTH INGREDIENTS PORTFOLIO:

Consumer relevant outcomes

In addition to
EpiCor[®] postbiotic,
did you know
Cargill has other
health-supporting
ingredients?

For more information,
contact your sales
representative,
or visit cargill.com

