

Pharmachem to Launch GPM Biome Fermented Nutrients with Postbiotics at SupplySide Global

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[Report Press Release](#)

SUPPLEMENTS

SUPPLIER & SERVICE PROVIDER

NON-ALCOHOLIC BEVERAGES

Kearny, NJ — October 15, 2025: Pharmachem Innovations, a leader in innovative nutritional solutions, will showcase its latest advancements in **GPM™ Fermented Nutrients**, now with the addition of a clinically relevant dose of **postbiotics (1 billion TFU)**, at the upcoming **SupplySide Global** tradeshow in Las Vegas, NV, October 29-30 (Booth #4845). The latest launch of GPM™ Biome provides a dual-benefit solution – enhanced nutrient absorption and gut/immune support* in one clean-label ingredient. The use of patented probiotics in GPM™ Biome delivers next-generation functional nutrition and strong label claims.

Pharmachem's line of GPM™ fermented nutrients includes vitamins and minerals that have been fermented, which help the body recognize these nutrients as food. When nutrients are bound to a "food matrix," absorption and bioavailability increase, making them easier on the digestive system. Unlike isolated synthetics or engineered chelates, GPM™ nutrients mimic how vitamins and minerals occur in nature elevating the consumer experience. GPM™ Fermented Nutrients are available as organic, non-GMO, soy-free and gluten-free.

Clinical Evidence of Bioavailability & Tolerability

Recent clinicals have shown increased plasma levels as well as tolerability with GPM™ Fermented Zinc and GPM™ Fermented Iron.

In a double-blind, randomized crossover trial (*Jäger et al., 2024; Nutrients*), 16 adults received a single 11 mg dose of zinc as either GPM™ Fermented Zinc vs USP zinc oxide. Plasma zinc concentrations were significantly higher with GPM™ Fermented Zinc at 120, 180, and 240 minutes. Compared to zinc oxide, GPM™ Fermented Zinc demonstrated an ~40% greater incremental AUC and a ~10% higher Cmax (trend). Both formulations were well tolerated, with no reports of gastrointestinal distress.

In a randomized, three-period crossover trial (*Secrest et al., 2025; Cureus*), 17 adults received 18 mg of iron as GPM™ Fermented Iron vs ferrous bisglycinate (FBC) vs ferrous fumarate (FF). **GPM™ Fermented Iron demonstrated superior absorption**, with serum iron

levels averaging +27 mcg/dL higher than FF and a significantly greater iAUC compared to both FBC and FF. All formulations were well tolerated, with **no gastrointestinal side effects**, highlighting GPM™ Fermented Iron's favorable safety profile.

"Our fermentation process is already clinically proven to improve nutrient absorption and digestive comfort. Now, via our proprietary fermentation process, GPM™ Biome naturally generates beneficial postbiotics with clinically supported immune benefits," said Árpád Széchenyi, President & CEO, Pharmachem. "This innovation reflects consumer demand for science-driven, clean-label solutions that support gut and microbiome health."

GPM™ Innovations on Display at SupplySide Global

- **GPM™ Immunity Blend with Postbiotics** – a ready-to-mix hydration formulation featuring a refreshing **Berry Boost** flavor to support immune health.
- **GPM™ Women's Health Mix with Cran-Max®** – a **Strawberry Lemonade** formulation supporting urinary tract and overall women's wellness.
- **GPM™ Magnesium Hydrate+** – a **Tropical Sunset** flavor designed to promote relaxation, energy metabolism, and muscle health.
- **GPM™ Multivitamin Chew** – A fermented women's daily multivitamin mix made in collaboration with FoodPharma in Cinny-Bomb flavor.

Pharmachem invites attendees to visit Booth #4845 at SupplySide Global to explore the full line of **GPM™ Fermented Nutrients with postbiotics**, sample new flavor innovations, and learn about the latest clinical research.

For More Information:

<https://pharmachem.com/>