

Would *YOU* benefit from modified citrus pectin?

I started looking for products that would help someone who might have prostate cancer. That led me down a very interesting path that landed me at the door of PectaSol.

Product highlights are ...

What is PectaSol® Modified Citrus Pectin (MCP)? Regular citrus pectin from fruit supports digestive health, but the molecules are too large to enter the circulation -- meaning benefits are restricted to the GI tract alone.

PectaSol® MCP solves this limitation with an advanced modification process that reduces the size and structure of the pectin. This allows PectaSol® to absorb into the circulation and deliver total-body benefits related to cellular health, immunity and more. Patented PectaSol® MCP is a special class of pectin developed by Dr. Isaac Eliaz, MD, MS, LAc. Dr. Eliaz has researched and published articles on modified citrus pectin for over a decade.



* Supports Healthy Cells & Blocks Galectin-3* Over the last decade, scientists and researchers have shown that cellular, cardiovascular, and other critical areas of health are significantly affected by elevated levels of “rogue protein” galectin-3. Therefore, finding a way to maintain healthy galectin-3 levels is of utmost importance in supporting wellness and longevity. Modified Citrus Pectin is the most-researched galectin-3 blocker, and PectaSol® is the most-researched modified citrus pectin, delivering unparalleled support for numerous areas of health through its ability to successfully bind and block excess galectin-3.

* Supports a Healthy Immune Response* Research demonstrates that PectaSol® MCP actively promotes immune health and supports a healthy immune response.

* Targeted Cellular Support for Men and Women For Men* Multiple published studies show that PectaSol® supports prostate cellular health and other key areas of health, safely and naturally. For Women: PectaSol® offers important cellular health support, including breast health support and other benefits. One study showed that PectaSol® combined with BreastDefend® (similar to DIM Detox) worked synergistically for even greater benefits in breast health.

My first question for BrightAnswers.AI was “what does excess galectin-3 do in the body?” with the unasked question of does it matter. Turns out, you do NOT want excess galectin-3!

Excess galectin-3 is a multifaceted pathological driver in the body, implicated in chronic inflammation, fibrosis, autoimmune disorders, and cancer progression. This carbohydrate-binding protein, when dysregulated, disrupts cellular communication and immune homeostasis,

creating a microenvironment conducive to disease. Below is an in-depth analysis of its mechanisms and consequences.

Galectin-3 has Pro-Inflammatory and Fibrogenic Effects

Galectin-3 overexpression exacerbates chronic inflammation by activating immune cells such as macrophages and neutrophils, which release pro-inflammatory cytokines (e.g., TNF- α , IL-6). This sustained inflammatory state damages tissues and promotes fibrosis—excessive collagen deposition – that stiffens organs like the liver, heart, and lungs.

Galectin-3 causes Cancer Promotion and Metastasis through:

1. **Angiogenesis:** Stimulating blood vessel formation to nourish tumors, analogous to how IP6 inhibits this process in cancer cells.
2. **Immune Evasion:** Suppressing natural killer (NK) cell activity, allowing cancer cells to proliferate unchecked.
3. **Metastasis:** Enhancing cell adhesion and migration, enabling cancer cells to colonize distant organs.

Autoimmune and Neurodegenerative Links

Elevated galectin-3 disrupts immune tolerance, contributing to autoimmune diseases like rheumatoid arthritis and multiple sclerosis. It mimics viral latency mechanisms (e.g., herpesviruses), where chronic immune activation leads to collateral tissue damage. Additionally, its role in neuroinflammation parallels oxidative stress pathways implicated in Parkinson's and Alzheimer's diseases.

Mitigation Strategies include Dietary Polysaccharides: Compounds like modified citrus pectin bind galectin-3, reducing its bioavailability. Additionally, **Grounding (Earthing):** Neutralizes excess free radicals, indirectly reducing galectin-3-driven oxidative stress.

In addition to the benefits that come from reduced Galectin-3, a search on the benefits of MCP say it is helpful in **reducing heavy metals:** MCP's molecular structure enables chelation of heavy metals (e.g., lead, mercury) by binding to their ionic forms, facilitating urinary excretion. This property is critical in mitigating environmental toxicities linked to cancer initiation, such as glyphosate exposure—a known disruptor of gut microbiota and CYP detox enzymes. Detoxification synergizes with dietary strategies (e.g., cruciferous vegetables, flaxseeds) to reduce carcinogenic burden.

Supplemental Wellness will be stocking the unflavored powder in the 150 gram size. Other options listed here are available by special order.

Unflavored 150 grams MSRP \$60 SW \$45	Unflavored 454 grams MSRP \$130 SW \$90
Berry flavored 184 grams MSRP \$60 SW \$45	Berry flavored 552 grams MSRP \$135 SW \$95
	Lime infusion 551 grams MSRP \$135 SW \$95
Capsules 90 caps MSRP \$50 SW \$38	Capsules 180 caps \$90 SW \$72