

Would *YOU* benefit from modified citrus pectin?

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

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.



*** 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. 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.

What does excess galectin-3 do in the body?” 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.

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, kidneys and lungs.

Galectin-3 causes Cancer Promotion and Metastasis through:

1. **Angiogenesis:** Stimulating blood vessel formation to nourish tumors.
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.

Galectin-3's 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.

MCP's Protective Role in Kidney Function

MCP's primary action involves **neutralizing galectin-3**, a protein that, when overexpressed, promotes fibrosis (scarring) and chronic inflammation in organs like the kidneys. Animal studies demonstrate that MCP:

- **Reduces kidney fibrosis** by inhibiting galectin-3's pro-fibrotic signaling, preventing tissue stiffening and dysfunction.
- **Lowers inflammatory markers**, including cytokines and immune cell infiltration, which are key drivers of kidney damage.
- **Improves detoxification** by binding heavy metals (e.g., arsenic, lead) and enhancing their urinary excretion, reducing renal toxic load.

These effects align with research showing MCP's ability to **reverse organ damage**, including in the kidneys, by restoring normal tissue architecture and function.

MCP and Heavy Metal Detoxification

Kidneys are critical for filtering toxins, and MCP aids this process by **chelating heavy metals**. Studies note:

- MCP increased urinary excretion of arsenic by **130%** in clinical settings, indicating enhanced detoxification without overtaxing renal pathways.
- Its soluble fiber structure binds metals in the gut, preventing their absorption and reducing systemic burden on the kidneys.

This contrasts with synthetic chelators (e.g., EDTA), which may stress renal function. MCP's natural, gentle mechanism makes it a safer alternative.

Taking PectaSol (Modified Citrus Pectin) at the same time as a protein shake or other supplements can **interfere with their absorption**. PectaSol is a soluble dietary fiber. In the digestive tract, it can bind to nutrients or physically block the intestinal walls, reducing the bioavailability of your supplements. **Empty Stomach Timing:** Clinical guidelines for PectaSol recommend taking it on an empty stomach—either 30 to 60 minutes before a meal or 2 hours after eating. Ideally, **Separate Your Doses:** Space out PectaSol and your protein shakes or vitamins by at least **2 hours**.

Supplemental Wellness will be stocking the unflavored powder in the 150 gram and 454 gram sizes. 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 MSRP \$90 SW \$72