

# Gut Health CONNECTIONS

  
Livaux®

  
Preticy  
*Optimize Your Flora*

ACTAZIN®

 GutGard™

  
Beauty  
OLIGO®

NeoGOS

**Probiotics**





# GUT HEALTH CONNECTIONS

Gut health is central to overall systemic health, and is impacted by a wide array of genetic, environmental, dietary, hormonal, and microbial influences. Globally, many people suffer from a variety of digestive disorders such as bloating, constipation, irregularity, heartburn and many others. However, new research is demonstrating the broader impact an imbalanced GI tract is having on overall health and wellness. The gut acts as one of the body's first lines of defense. Today there is conversation on how good gut health can strengthen immunity, plays a role in skin health, sports nutrition and in cognitive health. This is taking gut health to a much broader category.

AIDP offers a range of targeted prebiotics with several advantages – including low dose efficacy, good stability in a variety of finished good formats, whole food derived ingredients and GRAS. We also see a strong uptick in herbal sales for digestive health. AIDP also offers a line of probiotics with end product shelf stability and strong support for immunity, including infant immunity.



**Constipation  
& Bloating**

**Heartburn**

**Immunity**

**Skin Hydration**

**Weight Management**

**Healthy Microbiome**

**Metabolic Health**

**Detox**



## **Metabolic Support & Weight Management**

PreticX® is a non-digestible, low dose xylooligosaccharide prebiotic with strong clinical support. PreticX is shown to boost the levels of beneficial Bifidobacteria that can recondition the gut. PreticX clinical research studies have found significant alterations in gut composition, which could lead to better metabolic health and benefits to weight management. Due to the small dosage required, PreticX is well tolerated and suitable for children and adults.

### **PRODUCT FACTS:**

#### **Advantages:**

- Increases the number of Bifidobacteria in the colon
- Provides metabolic reconditioning by optimizing Firmicutes/Bacteroidetes ratio
- Positive impact on serum cholesterol, triglycerides and glucose concentrations
- Well tolerated to promote intestinal regularity and maintain good digestive health
- Human clinical studies support low dosage of 1 gram/day

#### **Applications:**

- Suitable for capsules, tablets, stick packs and liquids
- Mild, neutral and slightly sweet flavor
- Stable at broad pH (2.3–8.0) and temperature range (176–246°C)
- Food, bakery and functional beverage applications
- Weight loss products

#### **Certifications:**

- FDA GRAS
- EFSA Novel Food Approved
- Health Canada Approved
- NDI
- Structure/Function Claims with FDA No Objection
- Non-GMO Project Verified
- Organic



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PreticX® is a registered trademark of AIDP.



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# Livaux®

## **Probiotic Booster and Immune Support**

Livaux®, a food quality prebiotic derived from the New Zealand gold kiwi fruit, is supported by pre-clinical and clinical data. Livaux has a unique ability to increase the ratio of *F. prau* (*Faecalibacterium prausnitzii*), which has multiple beneficial effects including anti-inflammatory and immune enhancing activities. Reduced levels of *F. prau* are associated with inflammatory and immune conditions, allergies and other digestive issues. Since *F. prau* is highly anaerobic, it cannot be replenished as a probiotic, making Livaux a unique solution to naturally boost these levels.

## **PRODUCT FACTS:**

### **Advantages:**

- Increases number of *F. prau*
- Supports healthy gut modulation
- Gently facilitates bowel regularity
- Ingredient derived from whole golden kiwi fruit
- Natural source of fiber, vitamin C, and polyphenolics
- Safe, no side effects, natural, clean label ingredient
- Excellent organoleptic properties in taste, aroma, texture, and mouth feel
- Dose: 600 mg/day

### **Applications:**

- Digestive health
- Immune
- Mild, neutral and slightly sweet flavor
- Pairing with probiotics
- Fruit, veggie, and green food blends
- Whole food vitamin and mineral complexes
- Enzyme formulations
- Fiber products
- Super-fruit brands

### **Certifications:**

- Organic
- Non-GMO Project Verified



Your Trusted Partner

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# ACTAZIN<sup>®</sup>

## **Restores Regularity and Supports Detox**

Actazin<sup>®</sup>, derived from New Zealand green kiwi, contains a number of bioactive nutrients that effectively and gently support digestion and the laxation process. The bioactives include actinidin, which enhances protein digestion, and dietary fiber, polyphenols, vitamins and amino acids to promote gastric movement, regularity, gut mucus production, control inflammation, and increase fecal bulking. Actazin<sup>®</sup> also acts as a prebiotic, providing nutrients for good gut bacteria and stimulating the production of short chain fatty acids (SCFAs). Doses as low as 600 mg of Actazin have been shown to improve gut health and digestion. In clinical trials, participants also report improved quality of life scores with Actazin supplementation.

## **PRODUCT FACTS:**

### **Advantages:**

- Promotes and facilitates bowel regularity
- Natural source of fiber, polyphenols and proteolytic-protein digesting enzymes
- Safe, no side effects, natural, clean label ingredient
- Excellent organoleptic properties in taste, aroma, texture and mouth feel
- Dose: 600 mg/day

### **Certifications:**

- Organic
- Non-GMO Project Verified

### **Applications:**

- Digestive health formulations
- Detoxification formulations
- Prebiotic and probiotic formulations
- Enzyme formulations
- Green food blends (capsules, tablets, powders)
- Fruit and veggie formulations
- Whole food vitamin complexes



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## ***Digestive Relief***

Maintaining a healthy gut is essential to leading a healthy life and licorice flavonoids have been shown to have beneficial activity for digestive complaints. **GutGard®** is a flavonoid rich bioactive from licorice that is clinically researched for daily digestive health and offers digestive support for upset stomach, overeating, nausea, upper abdominal pain, heartburn, and reflux. In a study of 50 participants, all diagnosed with functional dyspepsia, **GutGard®** (75 mg/ twice daily) or a placebo was given for 15 days, with a 30-day follow up. From the **GutGard®** group, 60% reported symptom free to moderate resolution of symptoms, as compared to none in the placebo group. Another RCT study showed **GutGard®** demonstrated a 41 % reduction in load H.pylori compared to placebo and a reduction in reflux and other symptoms.

**GutGard®** improves gastric motility and leaky gut, improves gut immunity and reduces gut inflammation.

### ***Advantages:***

Clinically studied for functional dyspepsia, heartburn, and H. pylori

Standardized to contain 10 % total flavonoids by HPLC.

Helps to balance the microbiome and works as a gastric protectant.

Rich in bioactive flavonoids with >50 flavonoids identified.

Ultra-low glycyrrhizin to ensure safety.

Low dose: 150 mg/day

### ***Applications:***

A wide range of digestive health products in all formats- gummies, soft gels, effervescent, shots, powders and more

Can be combined with probiotic strains for improving gut integrity and efficacy

Compatible with digestive enzymes for synergy

Neutral in taste

Ultra-low water activity

### ***Certifications:***

Kosher, Halal



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Actazin® is a registered trademark of Anagenix.

A stylized, glowing white graphic of the human digestive system, including the stomach, small intestine, and large intestine, set against a background of a green and blue grid pattern.

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## **Prebiotic for Skin**

The intestine, the body's primary immune organ, along with the mucosal immune system of the gut, are linked to the skin's immune system through the migration of immune cells. Prebiotics play a significant role in this process because they influence the bioavailability of nutrients both in the gut and the skin that influence this complex communication system. GOS (Galactooligosaccharides) prebiotics affect not only digestion, but the skin as well. BeautyOLIGO® is a natural form of GOS with demonstrated benefits on skin health (hydration and wrinkles) with a low dosage (2 grams/day), as shown in a clinical trial performed in healthy volunteers. Through a gut connection, BeautyOLIGO works on the skin by improving moisture, inhibiting water loss, and decreasing erythema and wrinkles on the skin.

## **PRODUCT FACTS:**

### **Advantages:**

- Improves skin hydration
- Supports appearance of healthy skin
- Strengthens immune system
- Supports healthy gut balance
- Low glycemic form of GOS
- High purity
- Pleasant tasting and palatable
- Heat resistant
- Dose: 2 grams/day

### **Applications:**

- Gut health prebiotics
- Skin care
- Beauty from within
- Digestive health formulas
- Immune and inflammation support

### **Certification:**

- FDA GRAS



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BeautyOLIGO® is a registered  
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# NeoGOS

## **Low Glycemic GOS (Galactooligosaccharides)**

AIDP's *Mother's OLIGO* is a patented form of GOS (Galactooligosaccharides) that selectively stimulates the growth and activity of beneficial bacteria in the colon. Galactooligosaccharides are short chain dietary fibers that occur naturally in human milk. *Mother's OLIGO* is developed by a unique process that yields a high-purity, low-glycemic GOS. Its unique properties benefit the gut flora by producing short-chain fatty acids, which has been shown to benefit immunity, energy and a healthy metabolism.

## **PRODUCT FACTS:**

### **Advantages:**

- Low glycemic form of GOS
- High purity
- Improves gut environment
- Enriches lactic acid bacteria and Bifidobacteria
- Increases beneficial bacteria and decreases harmful bacteria
- Supports a healthy immune system
- Pleasant tasting and palatable
- Low water activity
- Heat resistant

### **Applications:**

- Gut health prebiotics
- Infant nutrition
- Children's prebiotics
- Gut health balance

### **Certification:**

- Organic

*Mother's OLIGO is a registered trademark of Neo Cremar Co., Ltd.*



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# Probiotics

AIDP provides a range of probiotics to meet customers' needs. Over 30 strains are offered for dietary supplement and food formulations. Strains are selected for their technical and health benefit properties.

## **Advantages:**

- Highly stable
- Wide range of strains
- Multiple uses

## **Applications:**

- Intestinal health products
- Children and adult products
- Gluten free
- Live and shelf-stable strains



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# Digestive Health Ingredients



	BEVERAGE	KOSHER	VEGETARIAN
PreticX®	✓	✓	✓
Livaux®	✓	✓	✓
Actazin®	✓	✓	✓
GutGard®	✓	✓	✓
BeautyOLIGO®	✓		
Neogos	✓		
Hereditum®		✓	
TigerNut		✓	✓
Vitamin C	✓	✓	✓
Thiamine HCl (Vitamin B1)	✓	✓	✓
Thiamine Mononitrate (Vitamin B1)	✓	✓	✓
Niacinamide (Vitamin B3)	✓		✓
Vitamin B5 (D-Calcium Pantothenate)	✓	✓	✓
Chitosan 90% 90%HD			
Inulin	✓		✓
Probiotics: Various	✓		

## ABOUT AIDP:

AIDP Inc. is a leader in functional ingredients with a focus on extensively researched products. We provide cutting edge ingredients that meet consumer demand for wellness and healthy aging. AIDP identifies trends early, provides unique solutions and works with customers to formulate strong market potential end products. Our commitment is to source high-quality ingredients and provide proprietary solutions.

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