

Gut Health CONNECTIONS


Livaux®


Preticy
Optimize Your Flora

ACTAZIN®

 GutGard™


Beauty
OLIGO®

NeoGOS

Hereditum®

PROBIOTICS

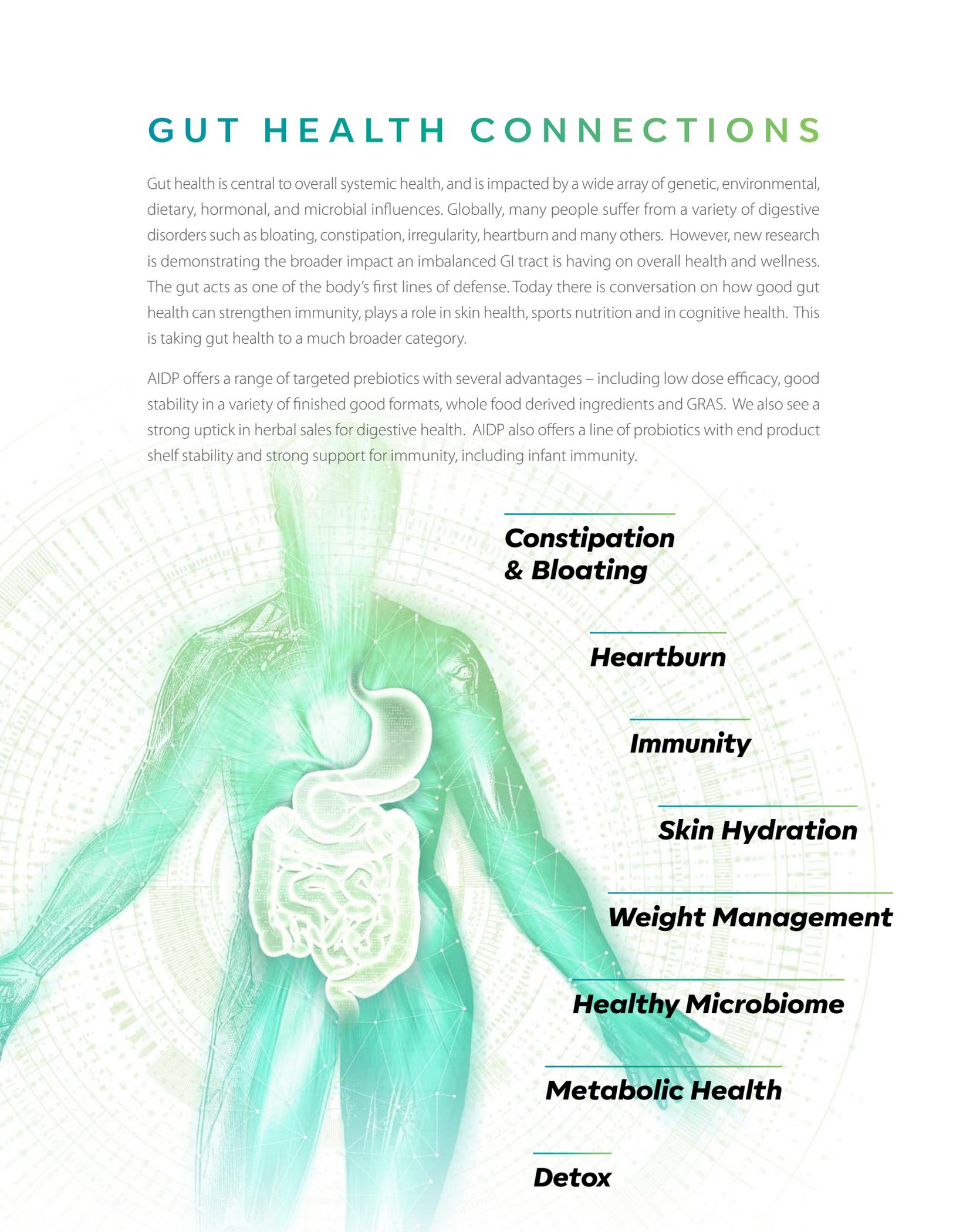
Probiotics



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°F)
- 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.



**Gut Health
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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



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Livaux® is a registered trademark of Anagenix.



**Gut Health
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ACTAZIN®

Restores Regularity and Supports Detox

Actazin®, 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® 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

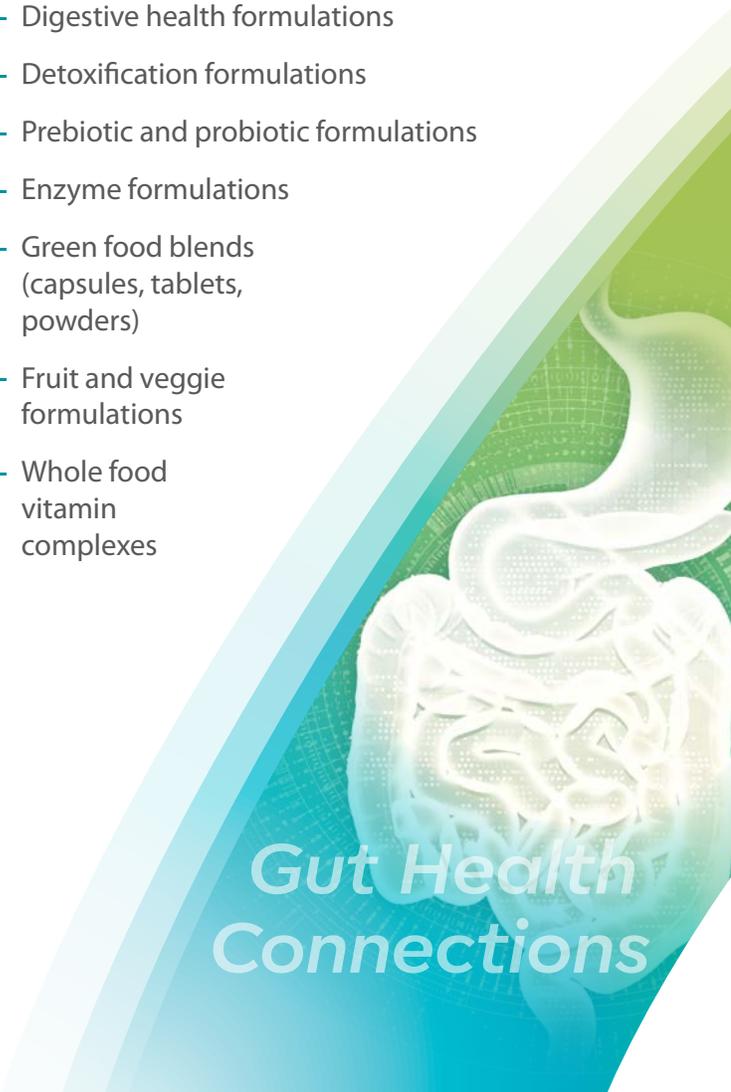
Applications:

- 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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Actazin® is a registered trademark of Anagenix.



**Gut Health
Connections**



Digestive Relief

Licorice flavonoids have been shown to have beneficial activity for digestive complaints. The ingredient GutGard® is made from a soft and unique extraction process that captures the bioactive flavonoid chemistry of the plant. 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.

PRODUCT FACTS:

Advantages:

- Clinically studied for functional dyspepsia, heartburn and *H. pylori*
- Backed with scientific publications in peer-reviewed journals
- Available with low water activity for combining with probiotic powders
- Rich in bioactive flavonoids with >50 flavonoids identified
- Lower glycyrrhizin to ensure safety
- Low dose: 150 mg/day

Applications:

- A wide range of digestive health products in all formats
- Combination products with probiotics and enzymes
- Neutral in taste
- Ultra-low water activity

Certifications:

- Non-GMO Project Verified
- Kosher & Halal
- FDA GRAS
- Organic form available



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GutGard® is a registered trademark of Natural Remedies Pvt Ltd.

A stylized, glowing illustration of the human digestive system, including the stomach and intestines, set against a background of a green and blue grid pattern.

**Gut Health
Connections**



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

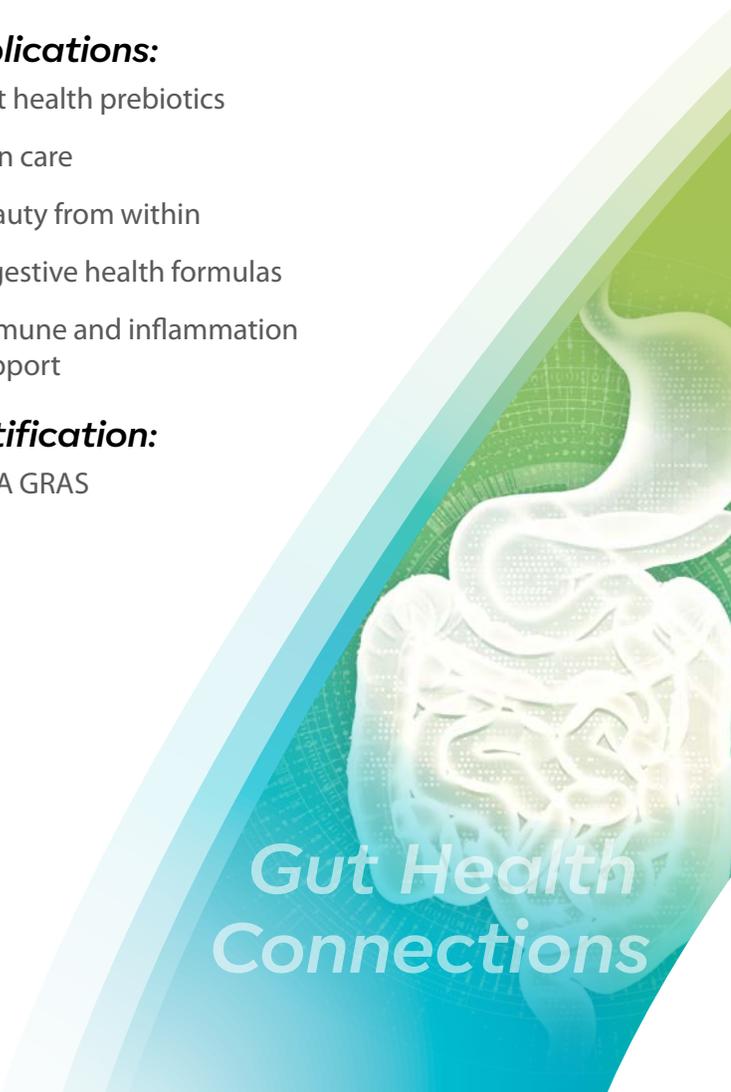
Certification:

- FDA GRAS



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BeautyOLIGO® is a registered
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**Gut Health
Connections**



Low Glycemic GOS (Galactooligosaccharides)

AIDP's NeoGOS™ 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. NeoGOS 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



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NeoGOS™ is a registered trademark
of Neo Cremar Co., Ltd.

A graphic illustration of the human digestive system, including the stomach and intestines, rendered in a glowing, semi-transparent style. The background features a grid pattern and a blue-to-green gradient.

**Gut Health
Connections**

Hereditum®

PROBIOTICS

Premium Probiotics for Immune, Infant & Maternal Health

Hereditum® is a range of premium probiotic strains isolated from human breast milk. These strains have been selected for their scientifically proven health benefits in areas of maternal and infant health, respiratory, immune and oral health. Hereditum is one of the most widely studied ranges of probiotics with more than 30 publications in prestigious scientific journals.

PRODUCT FACTS:

Advantages:

- Shelf stable in end product format
- Patented and clinically studied
- Dose based on application

Applications:

- Infant formula
- Dairy/food
- Immune formula
- Respiratory health formula
- Maternal and children's health formula

Certification:

- NDI
- FDA GRAS
- Kosher & Halal

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**Gut Health
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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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A stylized, glowing illustration of the human digestive system, including the stomach, small intestine, and large intestine, set against a green and blue background with a grid pattern.

**Gut Health
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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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