

by Linda Milo Ohr

## Wellness Will Turn Up the Heat in Chicago

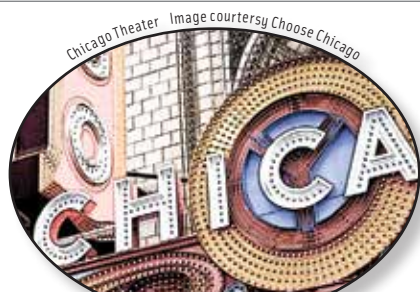
**J**uly in Chicago: Hot temperatures and even hotter trends at the IFT Annual Meeting & Food Expo®. Innovation in health and wellness products and research shows no sign of slowing down. This will be evident not only in the technical sessions, but also on the expo hall floor.

The Scientific Program offers many symposia to choose from, addressing some of today's growing consumer demands and prominent health concerns. Glucose management, which is associated with diabetes, weight management, and other metabolic syndrome conditions, will be addressed in the symposium "Carbohydrate Digestion: Glucose Management and Related Physiology Responses" (July 15, 8:30 a.m. to 10 a.m.). Cognitive health, which is a concern for both the young and elderly, will be highlighted in the symposium "Diet, Mental Energy and Mental Well-being: A Landscape Overview of the Science and Consumer Perceptions" (July 15, 1:30 p.m. to 3 p.m.). Sports

nutrition, which encompasses the hardcore athletes as well as weekend warriors, will be discussed in "Nutraceuticals and Functional Foods in Exercise, Muscle Building & Sports Nutrition" (July 16, 8:30 a.m. to 10 a.m.).

Moving to the IFT Food Expo, unique prototypes addressing children's nutrition, lean muscle building, and weight management will be available for sampling and idea-sparking. Healthful ingredient suppliers will have experts on hand to discuss formulation issues, questions, and more. A sampling of what attendees can expect in Chicago follows.

And in the name of keeping up with trends and technologies, be sure to download the mobile event app. This allows you to access floor plans as well as exhibitor and session information. Everything is right at your fingertips to ensure a successful IFT Annual Meeting & Food Expo experience.



### POTPOURRI OF POWERFUL PROTOTYPES

*One of the advantages of walking the Food Expo floor is seeing and tasting various healthful ingredients in innovative applications. Examples of this year's planned prototypes show that ingredient suppliers are high on creativity.*

#### Focus on functionality, advanced nutrition, and specialty ingredients

A variety of great-tasting prototypes will highlight Glanbia Nutritionals' ongoing innovation and continuously growing range of food and beverage

ingredients. Visitors will be able to sample a *Fruit Smoothie* highlighting *Chromax*® and *VitaCholine*™ ingredients, which may help increase cognitive function. The smoothie also features *BevGrad*® *XtraThick* flaxseed specifically designed to enhance the body of a beverage while delivering omega-3s and other nutrition benefits to beverage applications. Further highlighting its beverage formulation expertise, Glanbia Nutritionals will also showcase *Natural Energy Shots* fortified with energy-boosting *PepForm*® *Fatigue Fighter* peptides. The inclusion of *BevGrad*® *Chia* provides a further natural form of energy, while *CarniPure*™ supports sustained energy. Both of the beverages can be manufactured at Glanbia's recent acquisition, Aseptic Solutions USA.

Bakery ingredient solutions will be featured in delicious and playful cake pops. The cake pops will feature *GanedenBC30*®, a bake-stable probiotic aimed at improving digestive health and immunity. They will also feature *OptiSol*® *3000*, a newly introduced stable cost management egg replacer for

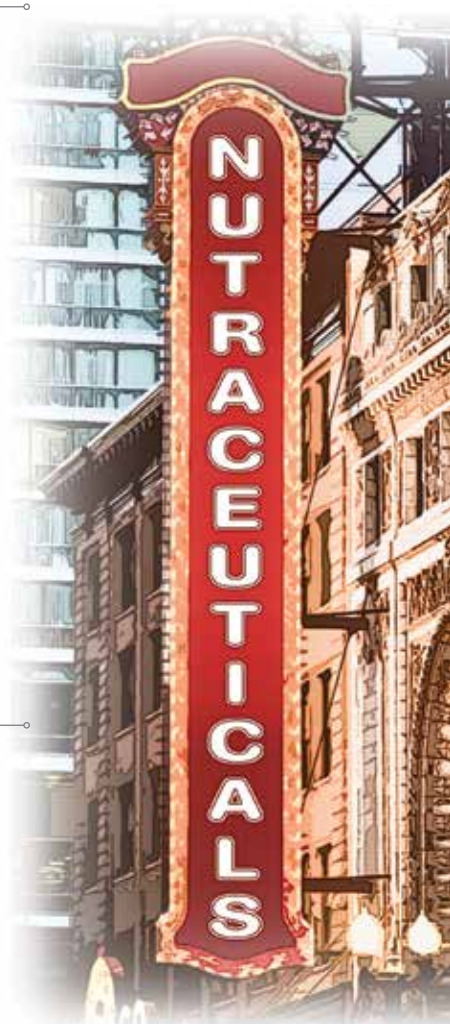


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Image composite by Leslie Pappas

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bakery products. Plus, for additional protein fortification, the cake pops will be coated with a high protein coating. Visitors looking for a new and convenient way to consume protein can sample *Protein Bites*. The bites are made with a high-protein coating and a center fortified with *Setria*®, which aims to protect against toxins and oxidative stress. Continuing the healthy indulgence theme, Glanbia Nutritionals is also presenting gluten-free, high-omega-3 peanut butter and jelly flax sandwiches to showcase the omega-3 benefits of its fine-milled flaxseed in bread, the powerful antioxidant *pTeroPure*® for overall health in the fruit spread, and *BevGrad* flaxseed in the peanut butter. *Glanbia Nutritionals*, [www.glanbianutritionals.com](http://www.glanbianutritionals.com), Booth 1029

### Applications showcase diversity of ingredients

Two very different product applications will showcase the diversity of products in which BI Nutraceuticals' ingredients can be incorporated. For *Carrot Juice with Ginger and Green Tea*, BI added an exciting twist to the traditional taste of carrot juice by incorporating its ginger root powder. Not only did the company add a little flavor to this healthy beverage, but it also added 50 mg of polyphenols per serving (8 fl oz) by incorporating its *Green Tea Extract*, making this healthy beverage even healthier. BI incorporated psyllium fiber (*Psyberoid*) to *Spicy Gazpacho* with *Psyberoid*™, doubling the fiber content to 3 g per serving. And just like the carrot juice, BI added its own flavor to this tomato-based cold soup utilizing its blending capabilities with a pre-mix of its *Capsicum Fruit Powder*, *Garlic Granular*, and *Parsley Leaves Powder*.

BI Nutraceuticals is a full-service, SQF certified supplier of more than 200 natural GRAS ingredients for use in functional foods and beverages. BI has developed a comprehensive database of its GRAS ingredients and has segmented them into 12 condition-specific, functional platforms, allowing food and beverage manufacturers to quickly and easily locate specific ingredients appropriate for new product development. *BI Nutraceuticals*, [www.binutraceuticals.com](http://www.binutraceuticals.com), Booth 1056

### Three products feature immune health ingredient

Biothera will sample three products containing *Wellmune WGP*®. *Pro Defensis/Drinkable Yogurt* from Grupo Gloria marries the clinically proven systemic immune health benefits of *Wellmune WGP* with the gut health benefits of probiotics. It is the first ever yogurt to combine these clinically proven benefits. Each bottle delivers 100 mg of *Wellmune*. The recommended daily serving is 2.5 mg/kilo of body weight. *Kidz Prebiotic Freezer Pops* is a new product from Sun Kids USA of Anaheim, Calif. The pops, which come in eight assorted natural and artificial flavors, provide mothers and kids with a healthy snack that contains prebiotics and *Wellmune WGP*. *Xan Confections' CocoWell* dark chocolate truffles enhanced with *Wellmune WGP* are marketed as "chocolates with benefits." They are designed for people who believe that a balanced universe includes chocolate and who are seeking health, wellness, and vitality, the company says. Each truffle contains 250 mg of *Wellmune WGP*.

*Wellmune WGP* is a proprietary baker's yeast beta 1,3/1,6 glucan that is clinically proven to prime key immune cells that keep the body healthy. This natural food, beverage, and supplement ingredient has regulatory approval around the world, including GRAS status in the United States and novel foods approval in Europe and China. *Biothera, the Immune Health Company*, [www.wellmune.com](http://www.wellmune.com), Booth 1333

### Omega-3 fish oil shows wide applicability

Sample a variety of items formulated with *OmegaPure*®, including oatmeal walnut raisin cookies, organic milk, and a unique advanced hydration beverage. All of these offerings deliver functionally effective levels of EFAs void of any fishy flavors or odors. *OmegaPure* has successfully been incorporated into a variety of foods and beverages ranging from nutrition bars to baked goods, beverages, dairy, desserts, sauces, and dips. *OmegaPure* is a highly refined, long-chain omega-3 fish oil prepared with custom antioxidant blends and specifically formulated for food and

beverage applications. *Cyvox Nutrition Inc.*, [www.cyvox.com](http://www.cyvox.com), Booth 1412



## ENERGY

*Energy-promoting ingredients have extended beyond caffeine. Attendees can learn about ingredients that help promote sustained energy, not only for athletes and sports nutrition products, but also energy-maintaining foods and beverages for the everyday consumer.*

### Smart energy management

Visitors will be treated to a sampling of products that help sustain smart energy management, including a fiber protein drink made with *Orafti*® *Synergy1* and a low-glycemic product made with *Palatinose*™. BENE0 offers fiber, sweetening, and texturizing ingredients derived from chicory roots, beet sugar, rice, and wheat. BENE0 is the ideal partner to help improve a product in its nutritional and technological characteristics. Key nutritional benefits include "less fat," "less sugar," "less calories," "added fiber," "gluten-free," and dairy alternatives as well as energy management, digestive, bone, and dental health. Through a unique chain of expertise, including the BENE0-Institute that provides decisive insights into nutrition science and

Photo courtesy of Bioenergy Life Science Inc.



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legislation, and the BENE0-Technology Center that consults in application technology, BENE0 actively supports customers in the development of more balanced and healthy food products. *BENE0, www.BENE0.com, Booth 4353*

### Powerful energy ingredient

*Bioenergy Ribose* can be added to functional foods to improve the nutritional profile and benefit claims of food, beverages, sports nutrition products, and other nutritional supplements. New product prototypes made with *Bioenergy Ribose* available for sampling will be *Oatmeal Chocolate Chip Cookies, Chewy Granola Bars, Protein Balls with Whey Crisps (Dark Chocolate and Greek Yogurt Cranberry Cinnamon), Fruit Snack Energy Chews, and Energy Drink*. Bioenergy Ribose Brand Ambassadors (specifically Greg and Laura Bennett and/or possibly the company's new Winter Olympic athlete) will be in the booth at selected times. Greg and Laura Bennett are world-class Olympic triathletes.

*Bioenergy Ribose* is a five-carbon monosaccharide, and, unlike most sugars, which fuel energy recycling, *Bioenergy Ribose* drives energy maintenance and recovery by making energy compounds and keeping them in muscle cells. It has a negative glycemic index and does not raise blood sugar levels. *Bioenergy Life Science Inc., www.bioenergyribose.com, Booth 4440*



## PROTEINS

*Protein is a sought after nutritional ingredient, not just for its satiety and weight management benefits, but also for its role in overall wellness. And the variety of protein options available (whey, soy, pea, canola, and rice)*

*gives formulators many tools to create protein-rich foods and beverages.*

### Highlighting dairy protein functions

With an emphasis on breakfast and snacking, prototypes will focus on protein throughout the day. More evenly spaced-out, higher-quality protein diets may help achieve optimum nutritional benefits including weight management and healthy aging. Prototypes to be highlighted include a chilled yogurt espresso, vegetable dumplings, a mint "protini" mixer, and soft pretzels.

The U.S. Dairy Export Council® (USDEC) will highlight ways that U.S. dairy ingredients can deliver innovative solutions. USDEC will provide valuable insights to help formulators develop products that meet consumer needs as they relate to weight management, healthy aging, sodium reduction, and simple ingredient labels. Visitors will discover how, through dairy producer checkoff-funded activities and affiliated organizations, USDEC connects industry with valuable resources from the Innovation Center for U.S. Dairy®, Dairy Research Institute®, Dairy Management Inc.™, and National Dairy Council®, which provide expertise in dairy nutrition and product and application research. *U.S. Dairy Export Council, www.InnovateWithDairy.com, www.usdec.org, Booth 1565*

### New rice bran protein offers high digestibility

*Proryza™ P-35 and Proryza™ PF-20/50* are natural and ecologically sustainable plant protein ingredients with a balanced composition of premium proteins, complex carbohydrates, and heart-healthy oils. They are minimally processed, great-tasting dispersible hypoallergenic proteins with high digestibility and a balanced amino acid profile. RiceBran Technologies (RBT) processes and sells unique rice-derived ingredients, stabilized rice bran, and germ. Stabilized rice bran offers a unique source of premium protein, complex carbohydrates, and soluble and insoluble dietary fiber. RBT's proprietary and patented intellectual property allows rice bran, an underutilized but highly sustainable and hypoallergenic food source, to be sold as a safe, highly nutritious functional

ingredient that delivers macro and micro nutrients, vitamins, minerals, and phytochemicals to a plethora of finished product applications. *RiceBran Technologies, www.ricebrantech.com, Booth 3336*

### Pea protein shines in beverages

*Peazazz™* pea protein is unlike any other pea protein ingredient on the market today. It is 100% soluble, transparent, and heat stable in low-pH beverage systems. It has a uniquely clean taste and is well-suited for a variety of foods and beverages including low-pH fruit juices and juice blends, sport nutrition drinks, powdered beverages, fortified waters, bars, baked goods, dairy alternative products, and vegetarian and vegan foods. *Peazazz* pea protein is hypoallergenic and from a non-GMO source. Stop by to taste the clear innovation in pea protein. *Burcon NutraScience Corp., www.burcon.ca, Booth 2984*

### Variety of protein ingredient offerings

*SOLATHIN®* is a vegetarian protein isolate made solely from potatoes. It is standardized to 40% P1-2, a protease inhibitor that increases satiety signals to both the brain and GI tract. *AlfaPro™* is an alfalfa juice powder that supplies protein from a whole food source in a green grass juice powder. It is made from 100% young plants, which are harvested at their nutritional peak, and is guaranteed free of pesticides, fertilizers, and GMO alteration. *Wisconsin Whey™* protein powders are supplement-grade concentrates from milk. These concentrates contain high levels of branched-chain amino acids and natural enzymes, vitamins, antioxidants, and nutrients the body needs to build muscle, repair tissues, form blood vessels, support the immune system, and regulate metabolism. Cyvex provides manufacturers with an rBGH-free and gluten-free whey protein concentrate option. *Protomine™* is a lean, sustainably sourced fish protein made from a whole food source. It contains all eight essential amino acids in a hydrolysate form. *Cyvex Nutrition, Inc., www.cyvex.com, Booth 1412*

### Protein throughout the day

Davisco Foods will be focusing on the role of the essential amino acid leucine



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Photo courtesy of  
U.S. Dairy Export  
Council

in protecting skeletal muscle and the importance of high-quality protein at each meal. The company will demonstrate the advantages of incorporating *BiPRO*, a whey protein isolate, in food and beverage applications. In the *Protein Fortified Chocolate Milk*, *BiPRO* has been added to chocolate milk to give a protein level of 10 g per serving, a 25% increase from traditional chocolate milk, and allows for an “excellent source of protein” claim. In the *Protein Fortified Hummus*, *BiPRO* increases the protein to 10 g per serving, allowing for an “excellent source of protein” claim. Adding *BiPRO* to an extruded cereal like *Protein Fortified Cereal* enables consumers to easily increase their protein intake at breakfast and balance out their daily protein intake. The ingredient also works in *Gluten-Free Pizza Crust* in a thin-crust style and in a deep-dish or hand-tossed style crust. *BiPRO* is naturally gluten-free and helps to improve the texture

of the gluten-free pizza crust. Snack items are typically low in protein, and at 10 g of protein per serving, *High Protein Gluten-Free Peanut Butter Cookies* are a healthier way to add protein throughout the day. *Davisco Foods International Inc.*, [www.daviscofoods.com](http://www.daviscofoods.com), Booth 1065

### Soy protein

Devansoy specializes in non-GMO and organic soy proteins. The company’s water-only processing insures chemical- and toxin-free soy ingredients. These high-quality soy protein ingredients have a neutral flavor profile and adapt for extensive use and applications within the food and beverage industry. *Benesoy*-branded portfolio includes a variety of liquid soy bases, soymilk powders, and soy flour. Devansoy’s soy foods market and technical expertise are designed to support customer needs and success. *Devansoy*, [www.devansoy.com](http://www.devansoy.com), Booth 3539

Carrying a healthy halo, fruits and other botanicals offer benefits in areas such as immunity, stress, urinary tract infections, and more. Research continues to reveal the power of these ingredients through their antioxidant content as well as other nutrients.



## FRUITS AND BOTANICALS

### **Nopal cactus ingredients shown to have anti-inflammatory properties**

S&P Marketing's *SuperiorFruit® Concentrate* blend of nopal cactus ingredients has been shown to have a significant, synergistic effect in killing cancer cells. *In vitro* research on human cells, sponsored by S&P Marketing and conceived and directed independently at Texas A&M, has shown that, when compared with prickly pear and nopal powders alone, S&P's proprietary *SuperiorFruit Concentrate* in powder form powerfully reduces the proliferation of cancer cells.

In a separate study, also conducted at Texas A&M, researchers compared a variety of superfruit-based supplements currently on the market, including those with prickly pear and nopal ingredients. *Nochtli™ Ruby Antioxidant*, made with *SuperiorFruit Concentrate*, was found to have the greatest anti-inflammatory capacity, exceeding as much as five-fold other popular nutraceuticals. The research suggests that consumption of a small amount of this carefully calibrated ingredient has the potential to improve health and wellness more effectively, without the need to ingest large quantities of a supplement, as compared to other market offerings. S&P Marketing, [www.snppmarketing.com](http://www.snppmarketing.com), Booth 4304

### **Whole cranberry powders**

New *Pacran® Organic* is an extension to Naturex's existing range of *Pacran* ingredients, which are clinically proven to reduce the recurrence of urinary tract infections (UTIs). *Pacran* ingredients are unique full-spectrum whole cranberry powders, and are not based only on certain active extracts, such as PACs. Independent science demonstrates that full spectrum cranberry is more effective in helping to prevent UTIs. *Pacran Organic* was introduced to the European market at Vitafoods Europe 2013. *Pacran Organic* is part of the *NAT life™* range, Naturex's portfolio of ingredients offering scientifically proven benefits and unique compositions achieved through proprietary processes. Naturex, [www.naturex.com](http://www.naturex.com), Booth 2338



Photo courtesy of Naturex

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Photo courtesy  
of Nexira Inc.

### Botanical extracts and new clinical studies

With its new state-of-the-art botanical extraction facility in Europe, Nexira has expanded its production capacities and enriched its portfolio with botanical extracts, including green coffee and green tea extracts. Nexira is also extending its portfolio of premium ingredients, which now includes *Simag*®, a natural magnesium sourced from sea water, and *Exocyan*™, a cranberry extract standardized up to 50% A-type PACs. Besides the well-known cranberry's UTI benefits, *Exocyan*, thanks to its very low sugar content and a controlled acidity, can also be safely used in dental care applications, without any risk of tooth enamel demineralization.

Nexira will highlight new clinical studies done on the following existing branded ingredients. *Serenzo* is an innovative anti-stress ingredient that has been clinically proven to reduce overall stress scores. It is a natural ingredient made from specific citrus species. *Vinitrox* is a synergic combination of apple and grape polyphenols that have shown to increase by 10% the physical

training time and by 13% the time before reaching the fatigue barrier of athletes. Nexira Inc., [www.nexira.com](http://www.nexira.com), Booth 4338

### Premium fruit and vegetable powders

P.L. Thomas is proud to announce its association with *PowderPure*™, the new paradigm for premium fruit and vegetable powders. Using a proprietary, rapid, energy-efficient drying method, *PowderPure* powders have all the nutrients, flavors, colors, and aromas of the original fruits and vegetables from which they are derived. The powders are encased, nonporous, uniform, optimally sized particles with a moisture content of 3% or less. They flow easily through equipment and are sealed against moisture and oxygen to reduce clumping and oxidation. *PowderPure* powders are primarily derived from locally grown, organic fruits and vegetables harvested at the peak of nutrition and are free from harmful chemicals, herbicides, pesticides, and fungicides. All fruits and vegetables are available in *PowderPure* powder form, including acerola, apricot, banana, blueberry, mango, peach, pear, raspberry, asparagus, beet, broccoli, carrot, pumpkin, spinach, sweet potato, and zucchini. *PowderPure* fruit and vegetable powders will be used in various fresh foods to be prepared for sampling at the booth. P.L. Thomas, [www.plthomas.com](http://www.plthomas.com), Booth 924

### New portfolio of nature-based nutritional solutions

FMC BioPolymer has a new health and nutrition product portfolio, a complement of nature-based nutritional solutions for the food ingredient, supplement, and cosmetic markets. As a global leader in seaweed production, FMC recognized that compounds found in seaweed including polysaccharides and carotenoids had potential in the global health and nutrition marketplace. This new product portfolio grew from the opportunity to use FMC's existing raw materials and the company's 65-plus year of experience in harvesting seaweed to provide product performance for customers in the global food, pharmaceutical, and cosmetic industries. FMC BioPolymer, [www.fmcbiopolymer.com](http://www.fmcbiopolymer.com), Booth 2390



## DIETARY FIBER

*Fiber ingredients, derived from sources such as acacia, chicory, and corn, promote weight management, immunity, digestive health, and heart health.*

### Prebiotic soluble dietary fiber

*Fibregum*™ is an all-natural and GMO-free source of prebiotic soluble dietary fiber offering a minimum of 90% fiber and associated health benefits. It is clean label and appeals to consumers because it is 100% vegetable and available in organic grades. *Fibregum*™ has multifunctional benefits, including being a natural emulsifier, texturizer, binder, and encapsulation agent, and allows simple and consumer-friendly labeling.

Nexira's portfolio includes antioxidants and active ingredients for weight management, anti-stress, sports nutrition, digestive health, and cardiovascular health. The company supplies natural ingredients and botanical extracts for food, nutrition, and dietary supplements. Nexira has built its reputation as the world leader in acacia gum and now offers a wide range of natural ingredients with proven health benefits. Nexira Inc., [www.nexira.com](http://www.nexira.com), Booth 4338

### Fiber ingredients can help meet global public health objectives

Several research studies that were supported by Tate & Lyle shed new

light on fiber. Adding fiber to foods commonly consumed can help fill the gap in consumption, and new research indicates they may have added health benefits. Three recent studies suggest that added fibers may play an important role in promoting gut health, improving laxation, helping maintain satiety (or a feeling of fullness) after a meal, and increasing calcium absorption—all important benefits many people need.

Tate & Lyle makes a significant investment each year in nutrition science and innovation to provide ingredients that have science-based benefits, which helps to improve their ingredients' nutritional profiles while maintaining great taste. This includes dietary fibers, sweeteners, and low-sodium technologies. Wellness ingredients include *SODA-LO™ Salt Microspheres* and *PROMITOR®* soluble corn fiber. Tate & Lyle, [www.tateandlyle.com](http://www.tateandlyle.com), Booth 1640

#### **Resistant starch supports blood sugar health and energy balance**

More than 60% of Americans are overweight or obese. And pre-diabetes, which is indicated by higher-than-normal blood sugar, is skyrocketing and now affects 35% of American adults. *HI-MAIZE* resistant starch is a unique corn starch that supports blood sugar health and energy balance. *HI-MAIZE* is the one and only commercially available natural resistant starch with proven health benefits in blood sugar, weight control, and energy management. Ingredion has a complete portfolio of texturizing solutions, nutritive and non-nutritive sweeteners, and nutritional ingredients to develop ideas for food processors to improve their products, differentiate their offerings, and reduce costs. This year Ingredion will be focusing on sweetness, clean label, cost savings, and nutrition solutions. *Ingredion Inc.*, [www.ingredion.com/us](http://www.ingredion.com/us), Booth 1629

Photo courtesy of Ingredion



#### **Digestion-resistant maltodextrin**

*Fibersol®-2* is a resistant maltodextrin, fully 90% resistant to digestion by the human digestive system. The premier line of fiber ingredients allows manufacturers to develop products for today's health-conscious consumers that give them all the dietary fiber they need without

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sacrificing the taste, aroma, and texture they want. With other functional benefits such as replacing calories from sugar and fat, along with providing an increased feeling of satiety, you can have it all with *Fibersol*, the company maintains. Stop by to see the latest products *Fibersol-2*, *Fibersol-2AG*, *Fibersol-LQ*, and *Fibersol-HS*. ADM-Matsutani, [www.fibersol.com](http://www.fibersol.com), Booth 2343

### Quinoa powder offers greater benefits and versatility

Novel Ingredient Services has been named the exclusive U.S. distributor of *Quinoasure*, the industry's first instant, nutritional quinoa powder and the only quinoa product suitable for use as an ingredient in foods, beverages, dietary supplements, and meal replacements. *Quinoasure* provides all of the exceptional nutritional benefits of quinoa in a form that offers greater nutritional value and potency, as well as improved digestibility and solubility. It is all-natural, cholesterol-free, gluten-free, and hypoallergenic. *Quinoasure* is made of 100% non-GMO whole quinoa seeds, using a proprietary technology that results in improved organoleptic properties and exceptionally high biological value protein of 14–16%. In addition, research has shown that *Quinoasure*'s increased nutritional value enhances its digestibility. Protein and amino acid absorption is 82–86% compared to 68% for quinoa grain and flour, increasing protein assimilation by 20%. Novel

*Ingredient Services*, [www.novelingredient.com](http://www.novelingredient.com), Booth 4850

### Fat mimetic starch gel for protein applications

*PenGel<sup>®</sup> 8* is designed for protein applications. It is a fully hydrated non-allergenic modified potato starch gel that improves nutritional value while replicating the favorable aspects of real fat. It mimics fat to maintain great taste, improve yield, enhance juiciness and tenderness, and improve the nutritional profile of food products. The starch gel is designed to be used in ground sausage and patties and emulsified and meat analogues. The company's portfolio also includes *PenFibe RS* potato-based resistant starch for fiber enrichment, *PenTech GF* for gluten-free systems, and specialty rice starches for fat reduction in dairy products. *Penford Food Ingredients*, [www.penfordfoods.com](http://www.penfordfoods.com), Booth 1590

### Gamma-oryzanol will be new featured product

Gamma-oryzanol is a naturally occurring component in rice bran and rice germ that consists of a mixture of ferulic acid esters of sterols and triterpene alcohols. There are many functional effects, including effects on central nervous system and mental condition, antioxidant effect, alleviation of hyperlipidemia and hypercholesterolemia, anti-inflammatory effect, and antiallergenic effect. Kanematsu USA Inc. is a subsidiary of Kanematsu Corp., one of the oldest trading companies founded in 1889 in Japan. The company distributes functional ingredients made in Japan such as galactooligosaccharides, milk basic protein, gamma oryzanol, and preservatives derivative from vitamin B-1. *Kanematsu U.S.A. Inc.*, [www.kanematsuusa.com](http://www.kanematsuusa.com), Booth 1178

*Powerful little packages of nutritional benefits, legumes and nuts offer a plethora of nutrients such as fiber, vitamins, minerals, and antioxidants. When used as whole food ingredients, they also add clean label benefits.*



### Azuki beans and black soybeans now offered

Non-GMO and certified organic azuki beans and black soybeans are offered in whole bean form, in addition to raw flour and precooked powder and flakes. Both black soybeans and azuki beans are of U.S. origin and are naturally gluten free. All SK Food's ingredients are identity preserved, so they are traceable back to the farmer's field. Black soybeans are high in protein, antioxidants, anthocyanins, and vitamin E, while azuki beans are a good source of fiber, iron, and potassium, and promote heart health. Black soybeans and azuki beans are two unique types of beans that can create a new twist to a variety of product applications, including canning, soups, chili, side dishes, and snack foods. Black soybeans can also be used similarly to yellow soybeans for soy sauce, roasting, and tofu. SK Food International supplies a full line of premium quality



Photo courtesy of SK Food International Inc.



ingredients including identity preserved, non-GMO, and certified organic dry edible beans, grains, seeds, soybeans, peas and lentils, meals/flours, vegetable oils, and precooked powders/flakes to industries including food, pet food, nutraceuticals, and personal care. *SK Food International Inc., [www.skfood.com](http://www.skfood.com), Booth 3339*

#### Countless ways to formulate with California almonds

Almonds are incredibly versatile, bringing distinct crunch and buttery taste to myriad ingredients, flavor profiles, and product applications. What's more, consumers report that products with almonds are "more nutritious," "have better crunch," and "keep me full longer," making almonds a truly valuable inclusion in almost any formulation.

*Almond Board of California, [www.almonds.com](http://www.almonds.com), Booth 1016*



#### MIGHTY MIXTURE OF OFFERINGS

*Some exhibitors will be showcasing a wide gamut of ingredients, offering a one-stop shop for various nutritional needs. Booth themes vary from focusing on children's nutrition to covering several nutrition solutions at one place. »»*

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### Health-based functional solutions

Key highlights for this year's IFT Food Expo will be DSM's complete nutrition solutions for every step of the value chain, as well as demonstrating the company's effective ingredients for savory, bakery, and dairy applications. Representatives from DSM Nutritional Products will be on hand to discuss innovative nutritional ingredients such as the heart-healthy ingredients *Fruitflow*®, a natural tomato concentrate that helps support healthy circulation, and *OatWell*®, an oat beta-glucan with clinically proven health benefits in cholesterol reduction. In addition, DSM will showcase its range of color solutions, satisfying health-conscious consumers with naturally sourced and nature-identical carotenoid colors for many food and beverage applications. DSM will also be promoting its new leadership position in nutrient premixes with

the combined capabilities of DSM and Fortitech, which will tie into Fortitech's promotional efforts in *Booth 1519*.

Lastly, DSM Nutritional Products will promote the industry's broadest spectrum of omega-3 solutions to meet the needs of nearly every food and beverage application. The leader in nutritional lipids solutions, DSM now offers two sources with two solutions: *life'sDHA*™, a vegetarian, algal source of DHA omega-3, and MEG-3®, the most trusted omega-3 fish source. DSM's extensive omega-3 capabilities provide proven brain, eye, and heart health benefits for consumer products through all life stages. *DSM*, [www.dsm.com/human-nutrition](http://www.dsm.com/human-nutrition), *Booth 2349*

### New offerings and patented formulas

AIDP is unveiling a new *Sprouted Rice Protein* offering less grit and high solubility and a unique line of *Tasteless*

*Minerals* for beverages and other functional products. In addition, AIDP will be showcasing the following patented formulas. *Magtein*™ is the only form of magnesium shown to effectively cross the blood brain barrier. It increases brain synaptic density by rejuvenating neural cells. Two published research studies in prestigious journals have demonstrated *Magtein*'s ability to improve short-term and long-term memory, recognition, and learning, as well as alleviating anxiety and phobia in animal models.

*KoACT*®, designed for active women seeking benefits beyond bone mineral density, is a patented combination of collagen and calcium, and is clinically proven superior to calcium in improving bone mineral density. *KoACT* has an additional benefit for skin health.

*enVantec* fat-soluble vitamins are designed for superior stability and clean labeling, also offering excellent solubility,

homogeneity, and affordability.

The company's theme for the show is "Good Science Makes Great Food." Attendees will be able to sample all ingredients in a variety of food and beverage applications, including *enVantec* clear fruit punch with vitamins A and D. In addition, AIDP will host a "taste test" with premiums for people identifying the item formulated with or without the ingredient. Items include *KoACT* raw bars, a rice protein beverage, and more. *AIDP Inc.*, [www.aidp.com](http://www.aidp.com), **Booth 3102**

#### Solutions for a healthier future

Cargill news and prototypes will feature themes of sustainability and childhood nutrition. Visitors will learn more about how the company's solutions and technical expertise can enable more sustainable supply chains and try great-tasting kid-friendly prototypes that contain less sodium, calories, and fats, and more whole grains, fiber, and protein.

In April 2013, Cargill launched an initiative to help food makers improve the nutritional profiles of products for kids. A new website, [www.childhood-nutrition.com](http://www.childhood-nutrition.com), provides resources for manufacturers and foodservice operators facing formulation challenges. In support of this initiative, Cargill is launching the website to provide ideas for solving formulation challenges associated with creating kids' products that are healthier and taste great. The website was designed to connect food makers with updates on nutrition news, government policy, stakeholder actions, and consumer trends shaping the rapidly changing landscape surrounding childhood nutrition. *Cargill*, [www.cargillfoods.com](http://www.cargillfoods.com), **Booth 2329**

#### Varied concepts and solutions on display

BASF invites IFT Food Expo attendees to "Live Newtrition" in its "kitchen" featuring concepts and solutions. BASF's broad portfolio of natural and synthetic ingredients for foods, beverages, and dietary supplements includes vitamins A, B, D, E, and K, mixed carotenoids, lutein, lycopene, sterols, *Tonalin*® CLA, and omega-3 fatty acids. Performance ingredients include whipping agents, aerating emulsifiers, enzymes, and process aids for beer and wine. Learn about "SET" for applied sustainability. *BASF*, [www.newtrition.basf.com](http://www.newtrition.basf.com), **Booth 1529**

#### Health-promoting ingredients and process solutions

Pharmachem Laboratories' expertise ranges from manufacturing standardized extracts and custom ingredients to developing solutions for process problems. Its Proprietary Nutritionals division, a marketer and distributor

of nutraceutical ingredients, has a product line that includes the *Berry-Max*™ line of superfruit berries, *Benexia*™ organic, GMP- and HACCP-certified chia, and *Teavigo*® caffeine-free green tea extract. *Pharmachem Laboratories/*

*Proprietary Nutritionals*, [www.pharmachemlabs.com](http://www.pharmachemlabs.com), **Booth 2107 FT**



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