

Session 3: 10:30 – 11:15 AM

High Stability Natural Red Hues for Food and Beverages

A stable red hue from a natural source has long been a challenge. To deliver a red orange to violet red that meets shelf life requirements typically can only be achieved by using synthetic colors or carmine. Manufacturers can no longer only rely on synthetics.

Kalsec has expanded our anthocyanin range to include a variety of vegetable sourced pigments to provide one of the widest stable ranges of naturally sourced reds in the industry. Kalsec's knowledge of the individual pigments combined with antioxidant experience has resulted in optimum blends to strengthen stability across many applications, with a natural label.

Presenter: George Kean, PhD, Kalsec

Marketing Innovations, Issues and Impacts or Regulatory Compliance in Food Safety

Incorporating Food Safety Plans into everyday aspects of the technologist perspective of product development and operations. The Presentation and Panel Question and Answer will cover the following topics:

- Existing FDA Compliance Requirements
- Certification Requirements of GFSI
- Food Safety Modernization Act Impacts
- Key Areas of Conformance in Product Life Cycle Management and Marketing Innovation

Joining Bill will be several people to assist with questions and insight on how Marketing Innovation impacts food compliance and how food compliance impacts Marketing Innovation.

Presenter: Bill Bremer, Kestrel Management

Enzyme-treated Stevia Extract—A Better Way to Beat the Bitterness

High Reb-A Stevia poses product-development challenges for food chemists due to its bitter aftertaste. Masking agents may assist, but can add to product costs and development time. These hurdles can be overcome by the use of an Enzyme-Treated Stevia Extract, which offers a smoother and cleaner taste profile without the bitterness.

We have been formulating and manufacturing with Stevia for 20+ years and can provide unique insights on its use in dietary supplements, foods, and beverages. Our R&D manager, Andy Frampton, will be on hand to assist with questions about formulating using Enzyme-Treated Stevia.

Presenter: Katrina Emmel, PhD, NOW Foods

Suppliers' Night 2011

Innovation NOW! **Forum**

November 9, 2011
8:30 AM—12:00 PM



Chicago Section IFT
the First Section



Session 1: 8:30 – 9:15 AM

New Applications for Smoked Torula Yeast

Bakon® Yeast is a naturally smoked torula yeast that contributes hickory smoke flavor and overall enhancement to savory applications without added sugar or salt. It is a natural and label friendly way to add smoke flavor to products. Although it has been present in the food industry for over 70 years, new applications have recently been discovered. Ohly Americas will present new ideas for this product including processed meats, dressings, snacks, and prepared foods.

Presenters: Heather Kroska and Vernon Bond, Ohly Americas

A New Low Calorie, Prebiotic Agave Syrup

Ciranda has developed a new organic agave syrup that performs the functions of a glucose syrup such as corn, rice or tapioca but with lower calories and prebiotic properties. This innovative product can be used in confections, bars, cereals, and most applications where a mid conversion glucose syrup is used. In the presentation, we will cover the composition of the syrup, the reasons for its characteristics and the advantages the syrup offers. We will also discuss several applications and the benefits to the nutritional profile thanks to the use of this syrup.

Presenter: Jim Mitchell, Ciranda

A Revolutionary Calorie-Free, Natural Sweetener – From Fruit!

Tate & Lyle recently introduced PUREFRUIT™ monk fruit extract. This natural product has a great sweet taste and comes from the monk fruit, which has been cultivated in Asia for hundreds of years but only recently received US FDA GRAS affirmation. Monk fruit contains unique natural antioxidants called mogrosides which have a delicious sweet taste, but are calorie-free. A natural process has been developed that concentrates the delicious calorie-free sweetness of the fresh fruit.

In addition to its ability to add natural sweetness to a wide range of low- or no-calorie foods and beverages, PUREFRUIT™ monk fruit extract has very positive consumer appeal due to its fruit origins, that manufacturers can take advantage of.

This presentation will review the origins and properties of monk fruit, its natural cultivation and processing into an extract, and the strength and nature of its consumer appeal.

Presenter: Dave Tuchler, Tate & Lyle

Session 2: 9:30 – 10:15 AM

Invisible Goodness Bakery Product

Caravan Ingredients took a technical solution for today's market needs and paired it with market research, market positioning, and customer partnerships to target the launch of an innovative product into the food industry.

Products made with the Invisible Goodness Natural Base are a fit for today's busy lifestyles that demand health and wellness, functional ingredients, while still delighting the customer. Production demands and the need to expand the bakery business are addressed along with the challenges of moving innovation from the *Bench to the Bakery*.

Presenter: Kathy Sargent, Caravan Ingredients

Microbial Decontamination of Food Production Facilities

This presentation describes the contamination issues facing food production facilities today. It highlights the ramification of contamination and describes the various decontaminating agents and processes that are available.

It will compare and contrast the various methods highlighting features such as safety, efficacy, scalability, and material compatibility. Various case studies will be explored. This work demonstrates the utility of using gaseous chlorine dioxide for large facilities. Discussions will include costs, cycle times, and Microbiological results.

Presenter: Tyler Mattson, ClorDiSys Solutions

New Innovative FTNF Super Concentrates

Evonik's latest innovation is a portfolio of novel "from-the-named-fruit" (FTNF) flavor extracts. Due to extraordinarily high concentration beyond that of traditional fruit flavors, super concentrates perform in a variety of beverage, confectionary, ice cream, dessert and baked good recipes.

These extracts consistently deliver value with exceptional flavor at extremely low loading rates. The key is the selection of first class, all-natural raw materials combined with the state-of-the-art supercritical fluid extraction (SFE) technology based on food grade carbon dioxide. SFE creates 100% pure and premium FTNF extracts that enhance and stabilize the authentic taste and aroma of the final product.

Presenter: Borys Schafran, Evonik Degussa Corporation

Welcome & Keynote Speaker
11:30 AM—12:00 PM

Welcome: Chicago Section IFT Chair,
Uwe Nienaber

Keynote Speaker: Alex Woo, Ph.D.,
w2o Food Innovation



**Food Ingredient Innovation Best Practices
– From Fuzzy Front End to Commercialization**

When it comes to the topic of ingredient innovation, are you wondering how to get started, or how to do it better next time?

Using *taste modulation technologies* as an example, I would like to share with you the key steps from consumer insight to a market-ready ingredient. I also will cover the ten most important success criteria for a break-through innovative ingredient.

Speaker Bio:

Alex Woo, PhD started W2O, an ingredient technology service firm in 2009. The business works with clients in the food ingredient space to grow their market shares through product innovation. Company competencies include flavor and sweetener physiology, science and technologies.

After obtaining PhD in Food Science, University of Wisconsin-Madison, Alex has held various R&D leadership positions in companies including Pepsi, Starbucks, Cargill and most recently Wrigley. He is comfortable leading technical teams to invent new technologies and create new products. He coaches career development and plays lots of tennis.

Alex Woo can be reached at alex.woo123@gmail.com

***Innovation NOW!* Evaluation Form**

Thank you for attending!! As part of our effort to continually improve Suppliers' Night, we would appreciate a few minutes of your time to complete this form.

Overall Evaluation

1. Overall, how would you rate the *Innovation NOW!* Forum?

Excellent Satisfactory Poor

2. Would you attend again next year? Yes No*

3. *If no, please share why. _____

Please circle the presentations you attended and provide a review of each.

- | | | | |
|-------------------------------|------------------------------------|---------------------------------------|-------------------------------|
| 1. Alex Woo, Keynote | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 2. Heather Kroska/Vernon Bond | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 3. Jim Mitchell | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 4. Dave Tuchler | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 5. Kathy Sargent | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 6. Tyler Mattson | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 7. Borys Shafran | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 8. George Kean | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 9. Bill Bremer | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 10. Katrina Emmel | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |

Please share any other comments below!

**Thank you for joining us for the *Innovation NOW!* Forum.
We hope that you enjoyed the presentations.**

Welcome & Keynote Speaker
11:30 AM—12:00 PM

Welcome: Chicago Section IFT Chair,
Uwe Nienaber

Keynote Speaker: Alex Woo, Ph.D.,
w2o Food Innovation



**Food Ingredient Innovation Best Practices
– From Fuzzy Front End to Commercialization**

When it comes to the topic of ingredient innovation, are you wondering how to get started, or how to do it better next time?

Using *taste modulation technologies* as an example, I would like to share with you the key steps from consumer insight to a market-ready ingredient. I also will cover the ten most important success criteria for a break-through innovative ingredient.

Speaker Bio:

Alex Woo, PhD started W2O, an ingredient technology service firm in 2009. The business works with clients in the food ingredient space to grow their market shares through product innovation. Company competencies include flavor and sweetener physiology, science and technologies.

After obtaining PhD in Food Science, University of Wisconsin-Madison, Alex has held various R&D leadership positions in companies including Pepsi, Starbucks, Cargill and most recently Wrigley. He is comfortable leading technical teams to invent new technologies and create new products. He coaches career development and plays lots of tennis.

Alex Woo can be reached at alex.woo123@gmail.com

***Innovation NOW!* Evaluation Form**

Thank you for attending!! As part of our effort to continually improve Suppliers' Night, we would appreciate a few minutes of your time to complete this form.

Overall Evaluation

1. Overall, how would you rate the *Innovation NOW!* Forum?

Excellent Satisfactory Poor

2. Would you attend again next year? Yes No*

3. *If no, please share why. _____

Please circle the presentations you attended and provide a review of each.

- | | | | |
|-------------------------------|------------------------------------|---------------------------------------|-------------------------------|
| 1. Alex Woo, Keynote | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 2. Heather Kroska/Vernon Bond | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 3. Jim Mitchell | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 4. Dave Tuchler | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 5. Kathy Sargent | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 6. Tyler Mattson | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 7. Borys Shafran | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 8. George Kean | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 9. Bill Bremer | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |
| 10. Katrina Emmel | <input type="checkbox"/> Excellent | <input type="checkbox"/> Satisfactory | <input type="checkbox"/> Poor |

Please share any other comments below!

**Thank you for joining us for the *Innovation NOW!* Forum.
We hope that you enjoyed the presentations.**