

# 4<sup>th</sup> Annual Research Spotlight Meeting

March 29<sup>th</sup> & 30<sup>th</sup>, 2023

St Paul Student Center  
2017 Buford Ave, St Paul, MN 55108  
North Star Ballroom



## Wednesday, March 29<sup>th</sup>, 2023

7:30 – 8:30 am	<b>Breakfast &amp; Registration</b>
	<b>Welcome and Opening Remarks</b>
8:30 – 8:45	Brian Buhr, Dean of the College of Food, Agricultural and Natural Resource Sciences, University of Minnesota
	<b>Introduction to the PPIC: Mission, Model, Goals</b>
8:50 – 9:25	B. Pam Ismail, PPIC Director & Founder, Professor, University of Minnesota
	<b>Keynote Speaker: Processing Technologies to Design Plant-Based Dairy and Meat Analogues</b>
9:30 – 10:05	Nesli Sözer, Research Professor, VTT Technical Research Centre of Finland
10:05 – 10:40	<b>Poster session/ Company booths/ Networking Session I</b>
	<b>The Effect of Processing on the Nutritional and Techno-functional Properties of Chickpeas</b>
10:45 – 11:10	James House, Professor, University of Manitoba
	<b>Applications of Texturization of Biopolymers to Produce Nutritious and High-Quality Food Products</b>
11:15 – 11:40	Osvaldo Campanella, Professor, Ohio State University
	<b>Impact Of High-Power Sonication on Protein Extraction from Defatted Soymeal, and Comparative Gelling Properties of Mung Bean Protein Treated with Sonication and Atmospheric Cold Plasma</b>
11:45 – 12:10 pm	Buddhi Lamsal, Professor, Iowa State University
12:10 – 1:10	<b>LUNCH &amp; NETWORKING SESSION II</b>
	<b>Pea 7S Vicilin to 11S Legumin Ratio: Convolutd Impact on Functionality</b>
1:15 – 1:40	B. Pam Ismail, PPIC Director & Founder, Professor, University of Minnesota
	<b>Assessment of Pea Protein Variability</b>
1:45 – 2:10	Brennan Smith, Supervisory Research Scientist, US Department of Agriculture
	<b>Breeding Camelina as a Winter Oilseed Cover Crop for Minnesota</b>
2:15 – 2:40	Jim Anderson, Professor, University of Minnesota
	<b>Consumer Trends in the Plant Protein Category</b>
2:45 – 3:30	Shelley Balanko, Senior Vice President, The Hartman Group
3:30 – 4:00	<b>Poster session/ Company booths/ Networking Session III</b>
	<b>Plant Protein Based Food Products Panel</b>
4:00 – 5:00	Jonathan Gray, Vice President, R&D, Danone North America Don Moss, Principal Development Scientist, Conagra Brands Heidi O'Sullivan, Principal Scientist, SunOpta Sara Rosene, Associate Principal Scientist, General Mills Dilek Uzunalioglu, Senior Director, Motif FoodWorks Inc.
6:30 – 8:30	<b>NETWORKING DINNER (pre-reserved add-on)</b> Banquet Hall, DoubleTree by Hilton Roseville, 2540 Cleveland Ave, 55113

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## Thursday, March 30<sup>th</sup>, 2023

7:30 – 8:15 am

Breakfast

8:15 – 8:40

***Carbohydrate Analytical Tools to Monitor Upcycling Processes of Plant Based By-products***

Mirko Bunzel, Professor, Karlsruhe Institute of Technology

8:45 – 9:10

***Flavor Reactions with Plant Proteins***

Gary Reineccius, Professor Emeritus, University of Minnesota

9:15 – 9:40

***Developing Functionally Enhanced Pea Proteins as Innovative Food Ingredients***

Yonghui Li, Associate Professor, Kansas State University

9:45 – 10:10

***Development of a New Method to Measure the Degree of Texturization of Extruded Meat Analogues***

Belal J. Muhialdin, Research Specialist, University of Minnesota

10:10 – 10:50

Poster session/ Company booths/ Networking Session IV

10:50 – 11:50

***Plant Protein Ingredients Panel***

Frédéric Bouvier, Science & Technology Advisor - Open Innovation, Roquette Inc.

Chris Fields, Chief Science Officer, Applied Food Science

Adam Janczuk, Vice President, Global R&D Nourish, IFF

Nathan Knutson, Enrichment CoE Lead for North America, Cargill

Nagul Naguleswaran, Protein Chemistry Lead, Global Research, Ingredion Inc.

11:50 – 12:00

***Closing Remarks***

B. Pam Ismail, PPIC Director & Founder, Professor, University of Minnesota

12:00 – 1:00

Boxed Lunch

