

3rd Research Spotlight Meeting

December 8th, 2021

Continuing Education and Conference
Center
1890 Buford Ave St. Paul, MN 55108
Room #135



Plant Protein Innovation Center



**FOOD SCIENCE
AND NUTRITION**

7:30 – 8:00 am	<i>Registration Opens and Networking Breakfast</i>
	<i>Welcome and Opening Remarks</i>
8:00 - 8:10	Brian Buhr, Dean of the College of Food, Agriculture, and Natural Resource Sciences, University of Minnesota
8:15 - 8:40	<i>Introduction to the PPIC: Mission, Model, Goals</i> B. Pam Ismail, Founder & Director, Plant Protein Innovation Center
8:45 - 9:15	<i>Keynote Speaker:</i> <i>Protein isolation strategies for high moisture rapeseed and hemp protein meat analogues</i> Karolina Ostbring, Lund University
9:20 - 9:40	<i>Phase behavior of plant proteins: relation to extrusion processing, textural attributes and shelf life</i> Job Ubbink, University of Minnesota
9:45 – 10:10	<i>Ultrasound-assisted modification of mung bean and oat proteins for functionality improvement and food product development</i> Youling Xiong, University of Kentucky
10:10 - 10:40	Poster session/Company booths/Networking- Session I
10:45 - 11:05	<i>Enhancing the Viability of Plant Proteins through Various Innovative Approaches.</i> B. Pam Ismail, University of Minnesota
11:10 – 11:30	<i>De-flavoring of Pea Flour</i> Cliff Hall, South Dakota State University
11:35 – 11:55	<i>Analysis of covalent flavor reactions with pea protein</i> Gary Reineccius, University of Minnesota
12:00 – 12:25 pm	<i>Utilizing microalgae as a source for technofunctional proteins</i> Lutz Grossman, University of Massachusetts
12:30 – 1:40	Lunch and Networking Session II
1:45 – 2:05	<i>Breeding for Protein Quality in Quinoa</i> Kevin Murphy, Washington State University
2:10 – 2:30	<i>Evaluating and improving functionality of hemp seed protein</i> Tom Michaels, University of Minnesota
2:35 – 2:55	<i>Pulse-protein Derived Peptides in Modulating Taste to Human Health</i> Kaustav Majumder, University of Nebraska, Lincoln
3:00 – 3:20	<i>Determining Nutritional Protein Quality: Does the In Vitro Approach Measure Up?</i> Dan Gallaher, University of Minnesota
3:25 – 3:30	Closing Remarks
3:30 - 4:30	Poster session/Company booths/Networking- Session III

