

Plant Protein Innovation Center  
2<sup>nd</sup> Annual Research Spotlight  
Meeting (Virtual)  
November 17th, 2020, 8:00 am – 4:00 pm



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**Welcome and Opening Remarks**

8:00 - 8:15 am *Gregory Cuomo, Associate Dean for Research and Graduate Programs, College of Food, Agriculture, and Natural Resources Sciences, University of Minnesota*

8:20 - 8:40 *Introduction to the PPIC: Mission, Model, Goals*  
B. Pam Ismail, Founder & Director, Plant Protein Innovation Center

8:45 - 9:05 *The search for new protein sources for plant-based meat alternatives*  
Atze Jan Van Der Goot, Wageningen University & Research

9:10 - 9:30 *Structuring of plant proteins towards plant-based foods: The challenge ahead*  
Laurice Pouvreau, Wageningen University & Research

9:35 - 9:55 *Characterizing and texturizing pulse proteins to form meat-like fibers*  
Zata Vickers, University of Minnesota

10:00 - 10:45 **Interactive Breakout Networking Session I**

10:50 - 11:10 *Effect of high pressure homogenization on pulse protein structure and functional properties*  
Lingyun Chen, University of Alberta

11:15 - 11:35 *Developing pea for winter cover and advancing market outcomes in Minnesota*  
Robert Stupar, University of Minnesota

11:40 - 12:00 *Pea Protein: A Path Forward*  
B. Pam Ismail, University of Minnesota

12:05 - 12:25 *Gaining an understanding of flavor reactions with plant proteins using radioisotopes*  
Gary Reineccius, University of Minnesota

12:30 - 12:40 pm **Short Break**

12:40 - 1:25 **Interactive Breakout Networking Session II**

1:30 - 1:50 *Physicochemical properties and aromatic profiles of hemp protein as affected by dehulling, defatting, and precipitation pH*  
Bingcan Chen, North Dakota State University

1:55 - 2:15 *Enzyme-assisted aqueous extraction: a bioguided approach to improve the functional and biological properties of almond proteins*  
Juliana Maria Leite Nobrega de Moura Bell, University of California Davis

2:20 - 2:40 *Plant protein potential for improved nutritional management of bone and mineral disorders of chronic kidney disease*  
Kathleen Hill Gallant, RD, University of Minnesota

2:45 - 3:05 *Positioning plant proteins for human nutrition: Connecting the dots*  
James House, University of Manitoba

3:10 - 3:55 **Interactive Breakout Networking Session III**

3:55-4:00 **Closing Remarks**

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