

The Convergent Innovation Webinar Series: Pulse Program: Inventing “One-World” Food Solutions for Sustainable Development and Affordable Healthcare



Packaging Technologies and Value Chain Concepts to Advance Value-added, Pulse-based Foods



Claire Koelsch Sand, Ph.D.

President, Packaging Technology and Research, LLC
Adjunct Professor, Michigan State University

Thursday March 30th, 2017

11:00 AM EST / 9:30 PM IT

[Click here to join](#)

5:00 PM CET / 7:00 PM ETH

Abstract *Co-chairs & Moderators: Gordon Bacon (CEO, Pulse Canada) & Laurette Dubé (MCCHE)*

Desire for value-added non-meat based meals is increasing for reasons of cost, sustainability, and health. For example, 66% of the 31% of North Americans who practice meat-free days do so because non-meat based meals are perceived as healthy and the FOA attributes 15% of GHG to livestock which, comes at a huge environmental cost. Existing and emerging packaging technologies can be twisted to capitalize on this trend and expand the portfolio and consumption of value-added pulse food offerings. There is much potential. But, it is complex. The reality is that in order for packaging technologies applicable for pulses to gain traction, manufacturer and distribution/retailer and consumer needs must be met as well as the value chain aligned. These needs are expansive and include: efficiencies, profits, competitiveness, resource use, convenience, health, sustainability, shelf life, storage, logistics, and the environmental cost of refrigeration and freezing foods. Packaging technologies aligned with current and emerging processing technologies are part of the solution for increased consumption of value-added pulses. And value chain alignment to allow innovation and the balance of cost:benefit is essential. Packaging technologies with relevance to value-added pulses that will be discussed include 1) sustainable (reduce, reuse, recycle, degrade) packaging 2) edible and antimicrobial packaging 3) active, intelligent, and responsive packaging. Value chain concepts of: agility, tactical knowledge, and incentives will be conveyed in the context of packaging innovation for value-added pulses.

Global Pulse Innovation Platform:

An Ecosystem to Transform Traditional and Modern World through Food



Firmenich

Pulse Canada



gain

sigvandle

PATH

MotherFood

JOHNS HOPKINS
GLOBAL OBESITY
PREVENTION CENTER

McGill Centre for Convergence
of Health and Economics

For more information or to subscribe contact:
lisa.walker@mcgill.ca or visit us @ [MCCHE](#)



McGill

Centre for Convergence
of Health and Economics



#GlobalPulseDay
#LovePulses