



IAFNS Webinar Series
Food Safety & Science Across Canada
Fall/Winter 2021
Working Agenda (September 20)

September 28th 2021 (9:00 – 11:00 am ET)

Food Safety & Science Research at McGill University

Topics: Food microbiological safety, Food chemical safety, Antibiotics in agriculture, Antimicrobial packaging, Food toxicology, Nano safety, Food authentication

Sustainability meets technology: natural polymers in functional antimicrobial food packaging

Dr. Yixiang Wang
Assistant Professor, McGill University

Relevance of nanomaterials in dietary exposome

Dr. Saji George
Associate Professor, McGill University

Replacing antibiotics in agriculture – “Are we there yet”?

Dr. Jennifer Ronholm
Assistant Professor, McGill University

Novel devices for rapid detection of food contamination and adulteration

Dr. Xiaonan Lu
Associate Professor, McGill University

October 13th 2021 (3:00 – 4:30 pm ET)

Food and Nutrition Research at the University of Manitoba

Topics: Bioactive polyphenols, Bio-active identification, functionality, and enhancement; and Bio-active extraction and product formulation

Blood pressure-reducing effect of wheat bread formulated with leaf polyphenol extract

Dr. Rotimi Aluko
Professor, University of Manitoba

Phytochemicals in cereals as important components for grain-based functional foods: Phenolics as exemplary compounds

Dr. Trust Beta,
Professor and Canada Research Chair (Tier 1), University of Manitoba

Bioaccessible Phenolic Compounds in Canadian Hull-less Barley Varieties

Pamela Drawbridge
PhD student, University of Manitoba

November 18th 2021 (3:00 – 4:30 ET)

Food Innovation Research at the University of British Columbia

Topics: Novel Food processing; Novel thermal processing; Novel non-thermal processing; Novel Dehydration technologies; Novel Encapsulation Technologies; Sustainability in Food Processing

Preparing for the Future Food: Novel Food Processing Technologies

Dr. Anubhav Pratap-Singh
Endowed Professor in Food & Beverage Innovation, UBC

Novel drying technologies

Dr. Alberto Baledelli
Research Associate, UBC

Pulsed Light

Mr. Ronit Mandal
PhD Candidate, UBC

Encapsulation and buccal delivery of nutraceuticals

Yigong Guo
PhD Candidate, UBC

Nanofibrils in food processing

Dr. Derek Dee
Assistant Professor, UBC

December 8th 2021 (3:00 – 4:30 ET)

Food Innovation Research Across Canada

Topics: Marine proteins; Toxins and bioactive peptides; Antimicrobial peptides; Food safety; product development; Bio-active extraction and product formulation

Product development (Title to be confirmed)

Dr. Tom Gill
Dalhousie University (Retired)

Product development (Title to be confirmed)

Dr. Rotimi Aluko
Professor, University of Manitoba

Product Development (Title to be confirmed)

Dr. Jonny Rolin
Food Scientist at Perennia