

21<sup>st</sup> International Conference on

# Food & Nutrition

July 25-26, 2018 | Vancouver, Canada

Conference Hall: Red Cedar Ballroom A

08:00-08:45 Registrations

08:45-08:55 Opening Ceremony

Keynote Forum

08:55-09:00 Introduction

09:00-09:45 Title: **Sweet freedom - Breaking free from sugar addiction naturally**

Sherry Strong, Founder of Sweet Freedom and Return to Food, Canada

09:45-10:30 Title: **Genetic improvement of nutritional value in lettuce and spinach**

Beiquan Mou, Agricultural Research Service, USA

Group Photo @ 10:30-10:35

Networking and Refreshment Break 10:35-10:50 @ Red Cedar Foyer

10:50-11:35 Title: **Food security in a world of ten billion**

Nurul Aman Sam, University of Massachusetts, USA

11:35-12:15 Title: **Multi-Sectoral partnerships and innovation for healthy living**

Patti Murphy and Julia Riendeau, Public Health Agency of Canada, Canada

12:15-13:00 Title: **Effect of vitamin D status on weight loss and biochemical changes in a clinic setting**

Myriam Abboud, Zayed University, UAE

Lunch Break 13:00-14:00 @ Red Cedar Foyer

14:00-14:45 Title: **Effect of Intradialytic-Aerobic exercise on clinical outcomes of hemodialysis patients in the United Arab Emirates [ Video Presentation]**

Mirey Karavetian, Zayed University, UAE

14:45-15:30 Title: **Moringa oleifera and Moringa peregrina, the "miracle trees", as super-foods from the ancient times of the pharaohs to the 21<sup>st</sup> century**

Yiftach Vaknin, Agricultural Research Organization, Israel

Panel Discussion

Title: **Biggest challenges to human nutrition & possible solutions**

Panelists

15:30-15:50 Panel Chair: **Beiquan Mou**, Agricultural Research Service, USA  
**Sherry Strong**, Founder of Sweet Freedom and Return to Food, Canada  
**Nurul Aman Sam**, University of Massachusetts, USA  
**Dipanwita Saha**, University of North Bengal, India

Networking & Refreshment Break 15:50-16:05 @ Red Cedar Foyer

Sessions:

Food, Nutrition and Health | Food Science | Food Safety and Management | Food Microbiology | Nutraceuticals and Nutrition Supplements | Food and Economy

Session Chair: **Beiquan Mou**, Agricultural Research Service, USA

Session Co-chair: **Nurul Aman Sam**, University of Massachusetts, USA

Session Introduction

16:05-16:25 Title: **Growing Chefs! - How food experts can work together to engage kids in learning and getting excited about healthy food and healthy food systems**  
**Amanda Adams**, Growing Chefs Vancouver, Canada

16:25-16:45 Title: **Detection of virulence and antibiotic resistance genes in Aeromonas sp in Sub-Himalayan West Bengal, India**  
**Dipanwita Saha**, University of North Bengal, India

16:45-17:05 Title: **Application of gamma radiation as a preservative of cereal mix and prevention of aflatoxigenic fungi**  
**Laury Francis Costa**, Energetic and Nuclear Technology, Brazil

17:05-17:25 Title: **Antimicrobial activity of grape seed and skin extracts coated on Corona treated LDPE and PET films**  
**Nahla Mohamed Abdel khalek Khalil**, American University in Cairo, Egypt

**17:25-17:40** Title: **Muscle dismorphic disorder and misuse of dietary supplements in body builders**  
(Video Presentation)  
Parisa Nejati, Iran University of Medical Sciences, Iran

### Young Researchers Forum

**17:40-17:55** Title: **An understanding the reasons of low consumption associated with vegetables in school-aged children**  
Laura Raggio, Universidad de la República, Uruguay

**17:55-18:10** Title: **Effect of microencapsulation plus resistant starch on survival of *Lactobacillus casei* and *Bifidobacterium bifidum* in mayonnaise sauce**  
Nima Mohammadi, Islamic Azad University, Iran

### Panel Discussion

**Day 2 July 26, 2018**

**Conference Hall: Red Cedar Ballroom A**

### Keynote Forum

**09:00-09:45** Introduction  
Title: **Global food security**  
Nurul Aman Sam, University of Massachusetts, USA

**09:45-10:30** Title: **Is diabetes inevitable if overweight and obesity can be controlled through an environment of positive healthy options?**  
Valencia Browning-Keen, Sam Houston State University, USA

### Networking & Refreshment Break 10:30-10:45 @ Red Cedar Foyer

**10:45-11:30** Title: **Parents occupation status on food habits and physical activity patterns of adolescent girls and boys in Kuwait**  
Tasleem A. Zafar, Kuwait University, Kuwait

**11:30-12:15** Title: **Inadequate nutrition during development produces long-term adverse effects: Can these effects be modulated?**  
Paloma Collado, National Distance Education University (UNED), Spain

**12:15-13:00** Title: **Development of a dietary mobile application (KELA) for hemodialysis patients: UAE experience [ Video Presentation]**  
Mirey Karavetian, Zayed University, UAE

### Lunch Break 13:00-14:00 @ Red Cedar Foyer

**14:00-14:45** Title: **Management of postharvest pathogens of mandarin orange (*Citrus reticulata* Blanco) by crude and purified leaf extracts of *Xanthium strumarium***  
Dipanwita Saha, University of North Bengal, India

**14:45-15:30** Title: **Review of DASH-JUMP program: The power born from the fusion of western science and oriental food culture**  
Atsuko Kawamura, Yamaguchi University, Japan

### Networking & Refreshment Break 15:30-15:45 @ Red Cedar Foyer

### Poster Presentations 15:45-16:45

**Poster Judge: Valencia Browning-Keen, Sam Houston State University, USA**

**P 01** Title: **Changes in the antioxidant properties of rice bran protein upon simulated gastrointestinal digestion**  
Seong-Jun Cho, Kangwon National University, Republic of Korea

**P 02** Title: **Phelligrudin D (*Phellinus baumii*) modulates homeostasis of periodontal ligament and osteoblast cells**  
Ho-Keun Yi, Chonbuk National University, Republic of Korea

**P 03** Title: **Biological activity and anti-diabetic effect of fermentation red-rice by isolated fungi *Monascus* sp. BHN-321**  
Jung-Bok LEE, Andong National University, Republic of Korea

- P 04** **Title: Sodium intake according to meal place in Korean Population: Based on the 7th Korean National Health and Examination Survey (2016)**  
**Jae Myoung Oh**, National Institute of Food and Drug Safety Evaluation, Republic of Korea
- P 05** **Title: Physicochemical changes in black carrot during growth and development of roots**  
**Amritpal Kaur**, Guru Nanak Dev University, India
- P 06** **Title: Study of the enzymes presents in Hass variety avocado (*Persea americana Mill, var. Hass*)**  
**Samantha Yssel Huerta Oropeza**, National Polytechnic Institute, Mexico
- P 07** **Title: GSTP1 gene polymorphism in healthy cohort stratified by Micronutrient-Intake**  
**Maninder Kaur**, Guru Nanak Dev University, India
- P 08** **Title: Effect of frying cycle on physico-chemical properties on different cooking oils**  
**Neeraj Kumar**, Lehal Haldi Processing Unit, India
- P 09** **Title: Effect of storage on Physico-Chemical of Properties of oils**  
**Karandeep Singh**, Lehal Haldi Processing Unit, India
- P 10** **Title: Physicochemical characteristics and antimicrobial activities of *ferula assafoetida* leaves and gum**  
**Razieh Niazmand**, Research Institute of Food Science and Technology (RIFST), Iran

#### Sessions:

**Nutrition | Beverages Processing | Malnutrition and Undernutrition | Dieticians and Nutritionists | Obesity | Public Health Research**

**Session Chair: Beiquan Mou**, Agricultural Research Service, USA

**Session Co-chair: Nurul Aman Sam**, University of Massachusetts, USA

#### Session Introduction

- 16:45-17:05** **Title: Protective effects of gum arabic (*Acacia senegal*), deep Inside the animal and human data**  
**Omaima Dahab Sayed Nasir**, Taif University, Saudi Arabia
- 17:05-17:25** **Title: The effect of WPC nanocomposites and Marjoram (*Origanum vulgare*) extract coating on microbial changes of Siberian sturgeon (*Acipenser baerii*) fillet during refrigerated storage**  
**Shabnam Haghighat Khajavi**, Islamic Azad University, Iran
- 17:25-17:45** **Title: Technology assessment of non invasive methods in obesity: LPG, cavitation, ultracounter [Video Presentation]**  
**Reza Moeineddin**, Shahid Beheshti University of Medical Sciences, Iran

#### Panel Discussion

#### Award & Closing Ceremony

