Day 1        July 25, 2018

Conference Hall: Red Cedar Ballroom A

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 & 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 21st 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 aflatoxicogenic 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
Keynote Forum

09:00-09:45
**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**
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

Panel Discussion

Day 2 July 26, 2018
Conference Hall: Red Cedar Ballroom A

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: Phelligrigidin 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**
Jung-Bok LEE, Andong National University, Republic of Korea
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

Title: Physicochemical changes in black carrot during growth and development of roots
Amritpal Kaur, Guru Nanak Dev University, India

Title: Study of the enzymes presents in Hass variety avocado (Persea americana Mill, var. Hass)
Samantha Yssel Huerta Oropeza, National Polytechnic Institute, Mexico

Title: GSTP1 gene polymorphism in healthy cohort stratified by Micronutrient-Intake
Maninder Kaur, Guru Nanak Dev University, India

Title: Effect of frying cycle on physico-chemical properties on different cooking oils
Neeraj Kumar, Lehal Haldi Processing Unit, India

Title: Effect of storage on Physico-Chemical of Properties of oils
Karandeep Singh, Lehal Haldi Processing Unit, India

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
Omaira Dahab Sayed Nasir, Taif University, Saudi Arabia

Title: The effect of WPC nanocomposites and Marjoram (Origanum vulgare) extract coating on microbial changes of Siberian sturgeon (Acipenser baeri) fillet during refrigerated storage
Shabnam Haghighat Khajavi, Islamic Azad University, Iran

17:05-17:25
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