Food Matrices and Nutritional Bioavailability Roundtable

Improving the Nutritional Value of Foods in the USAID Food Aid Basket:
Optimization of Macro and Micro Nutrients, Food Matrices, Novel Ingredients and Food Processing Technologies

Sunday, June 25, 2017, 8:30am-3:30pm

Venue: Sands Expo (Room 901-902), 3355 Las Vegas Boulevard South, Las Vegas, NV 89109

Organized by: Tufts University Food Aid Quality Review; www.foodaidquality.org

Sponsored by: USAID’s Office of Food for Peace

Speakers:
Quentin Johnson, President, Quican Inc. for Rufino Perez, Ph.D., Senior Food Technology Advisor, US Agency for International Development
Patrick Webb, Ph.D., Professor, Friedman School of Nutrition Science & Policy, Tufts University, USA
Diego Moretti, Ph.D., Professor, Dept. of Health Sciences and Technology, ETH Zurich
Sajid Alavi, Ph.D., Professor, Dept. of Grain Science & Industry, Kansas State University, USA
Harjinder Singh, Ph.D., Distinguished Professor, Massey Institute of Food Science & Technology, New Zealand
Michael McBurney, Ph.D., VP – Science, Communications & Advocacy DSM Nutritional Products, USA
David McClements, Ph.D., Distinguished Professor, Dept. of Food Science, University of Massachusetts, USA
Yi Wu, Ph.D., – Chief Innovation Director, Wright Group, USA.
Melvin Carter, Ph.D. – National Program Leader for Food Science & Technology, USDA-NIFA, USA

Agenda: (Each presentation including Q&A would be of 15 minutes)

8:30 – 9:00 am: Registration and introduction

AM session: State-of-the-Art in Food Aid
9:00 – 9:30 am: Introduction (Keynote by Johnson for Perez; with moderators)
9:30 – 10:30 am:
• Food Aid Scenario – Scope for improvement (Webb)
• Iron-Bioavailability issues in food matrices (Moretti)
• Challenges to improve nutritional value of food aid products using animal proteins (Alavi)
• Role of processed macronutrients in overall nutrients bioavailability (Singh)
10:30 – 10:45 am: Coffee Break; Discussion guidance (Moderators)
10:45 – 11:45 am: Roundtable Discussion #1 (State-of-the-Art)
11:45 – 12:45 pm: Working Lunch and Roundtable Discussion #2 (Gaps and Challenges vis a vis Food Aid)

PM session: Looking Ahead, Making Food Aid More Effective
12:45 – 1:45 pm:
• Maximization of Vit A, folic acid and other micronutrient utilization in body (McBurney)
• Nutrient delivery techniques (McClements)
• The role of processing in altering food matrices and influencing bioavailability of nutrients (Wu)
• USDA-NIFA – Promoting evidence based research (Melvin Carter)
1:45 – 2:00 pm: Coffee Break; Discussion guidance (Moderators)
2:00 – 3:00 pm: Roundtable Discussion #3 (Next steps)
3:00 – 3:30 pm: Wrap up and closing remarks (Moderators)

Moderators: Sajid Alavi (Kansas State University), Farida Mohamedshah (Institute of Food Technologists) and Quentin Johnson (Quican Inc.);
Event Contact: Michael Joseph (Tufts University, Mike.Joseph@tufts.edu); Event Website: <http://foodaidquality.org/focus/food-matricies>