Abstract Topics

Present at MNF 2023 across the four main abstract topics:

Micronutrient Biology and Status Assessment

Objective: *The biology of micronutrient nutrition and status assessment.*

- Benchmarks, methods and metrics for monitoring and improving food systems, nutritional drivers of resilience, and micronutrient delivery
- Absorption, metabolism and interaction of micronutrients
- Micronutrients and the double burden of noncommunicable diseases
- Effects of genetics, infection/inflammation, and other environmental exposures, on micronutrient deficiencies and nutritional resilience
- Innovations and updates in assessment of micronutrient status: epidemiology and global prevalence of micronutrient deficiencies
- Innovative technologies for micronutrient delivery

Efficacy and Safety of Micronutrient Interventions

Objective: *The efficacy and safety of micronutrient interventions on micronutrient intake, status, resilience, and related functional outcomes.*

- New evidence base for solutions that benefit nutrition, climate, and resilience
- Efficacy of food system value chain interventions
- The implications of climate change on micronutrient status and resilience
- Agricultural interventions and micronutrient status/intakes and resilience
- Efficacy and safety of home fortification (micronutrient powders and small quantity lipid nutrient supplements)

and reduction of anemia and micronutrient deficiencies prevalence, and improved functional outcomes
- Efficacy and safety of food fortification
- Impact of efficacy interventions on micronutrient status and functional outcomes
- Dosage, duration and frequency of additional micronutrient delivery throughout the lifecycle
- Safety considerations of implementing concurrent micronutrient interventions

Program Implementation and Effectiveness

Objective: *Bridging the gap between evidence and implementation to optimize the fidelity, effectiveness and impact of micronutrient interventions.*

- Dietary patterns, nutrient intakes, food safety, and resilience
- Advances in large scale food fortification, home fortification, vitamin and mineral supplementation, and other nutritional drivers for resilience
- Filling gaps in micronutrient data: Use of modeling tools and dietary data for program decisions
- Frameworks and tools for successful program design and implementation
- Experiences from implementation science
- Innovative program or delivery models, including multi-sectoral interventions
- Monitoring, surveillance, and evaluation for program improvement, effectiveness, and impact
- Experiences and lessons learned from country programs

Designing Enabling Environments for Micronutrients

Objective: *Engaging new actors and building new alliances, and expanding the field of view to include global, regional and national policy considerations, financing, innovative partnerships, resilience, climate change, communications, social marketing and advocacy.*

- Interdependence of micronutrient nutrition and resilience of communities and systems
- Micronutrient security as a human right
- Value propositions across the value chain
- Market shaping for micronutrients and nutrition for resilience
- Solutions to engagement with the private sector to invest and support high quality foods
- Rethinking the investment case
- Multisectoral engagement to make food systems deliver on nutrition and resilience
- Cost-effectiveness of delivering micronutrient interventions at scale
- Effective and responsible policies, programs and business models
- Creating and sustaining effective leadership, communication, capacity development and advocacy