

National Nutrition Research Conference 2021

Generation and Mobilization of Nutrition Evidence to Tackle Malnutrition: From Data to Action

December 8-10, 2021, Addis Ababa

Day 1: December 8, 2021

Sessions		
8:30-9:00 a.m.	Registration	Moderator: Dr. Getachew Tollera, Deputy Director General of EPHI
9:01-9:25 a.m.	Cultural opening	
9:26-9:30 a.m.	Welcoming address: Dr. Tsigereda Kifle, Director General of Ethiopian Public Health Institute (EPHI)	
9:31-9:35 a.m.	Remarks: European Union Delegation	
9:36-9:40 a.m.	Remarks: Bill and Melinda Gates Foundation	
9:41-9:45 a.m.	Remarks: UNICEF	
9:46-9:50 a.m.	Remarks: Ministry of Agriculture (MOA)	
9:56-10:05 a.m.	Opening address: Ministry of Health (MOH): H.E Dr. Lia Tadesse	
10:06-10:10 a.m.	Exhibition ribbon cutting	
10:11-10:30 a.m.	Break and booth viewing	
Session 1: Tracking progress towards local and global malnutrition targets		
Chair: Dr. Masresha Tessema, Director of FSNRD, EPHI		
10:30 -10:50 a.m.	Keynote: Progress in the reduction of malnutrition in Ethiopia lessons learned for the implementation of the Food and Nutrition Strategy (FNS) Dr. Meseret Zelalem, MOH	
10:51 -11:05 a.m.	Drivers of stunting reduction in Ethiopia: an exemplar analysis Dr. Bilal Shikur	
11:06 -11:20 a.m.	Wasting treatment and prevention in Ethiopia Stanley Chitekwe, UNICEF	
11:21-11:35 a.m.	Anemia in the Ethiopian population: Gaps in our understanding of etiology Prof. Yemane Berhane, Addis Continental Institute of Public Health	
11:36 -12:15 p.m.	Discussion	
12:16-01:30 p.m.	Poster viewing and Lunch	
Session 2: Lessons learned from the implementation of nutrition programs in Ethiopia		
Chair: Mrs. Hiwot Darsene, MOH		
01:31-01:50 p.m.	Keynote: Effective interventions to address maternal and child malnutrition: An update Dr. Ferew Lemma, MOH	
01:51-02:05 p.m.	Achievements of the Seqota Declaration innovation phase: Promising evidence for expansion across the country Bezawit Tamiru, Seqota Declaration, Federal Program Delivery Unit (FPDU), MOH	
02:06-02:20 p.m.	Challenges related to the implementation of vitamin A supplementation and growth monitoring and promotion programs Mrs. Yitayish Maru, UNICEF	
02:21-02:35 p.m.	Electronic voucher-based transfer jointly with social behavior change communication improves diet diversity of mothers and children in selected Woredas of Amhara Emma Lefu, WFP	
02:36-03:15 p.m.	Discussion	



የጤና ሚኒስቴር ኢትዮጵያ
MINISTRY OF HEALTH, ETHIOPIA



03:16-03:35 p.m.	Break and poster viewing
------------------	--------------------------

Session 3: Panel discussion	
From data to action: Future priorities and evidence needs for the implementation of the Food and Nutrition Strategy (FNS)	
Chair: Dr. Sisay Sinamo, Seqota Declaration, FPDU, MOH	
03:36-04:15 p.m.	Panelist 1: Dr. Masresha Tessema, EPHI Panelist 2: Dr. Ferew Lemma, MOH Panelist 3: Dr. Mulugeta Teamir, MOA Panelist 4: Dr. Filippo Dibari, WFP- NDPF chair Panelist 5: Dr. Alemayehu Seyoum, IFPRI
04:16-04:50 p.m.	Discussion
04:51-05:00 p.m.	Day 1 conclusion

Poster presentations: Day 1

Poster number	Poster title	Presenter
NNC-01	Association between child malnutrition and household source of drinking water among under-five children in Ethiopia: A systematic review and meta-analysis	Belayneh Mengist, Debre Markos University
NNC-02	The risk of mortality among unvaccinated severely malnourished children admitted to the inpatient therapeutic centers of the Amhara region referral hospitals, Ethiopia: A multi-center cohort study	Wubet Worku, University of Gondar
NNC-03	Facilitators, constraints, and determinants to household level animal source food consumption in rural communities in Ethiopia	Alemneh Kabeta, Hawassa University
NNC-04	Factors affecting treatment outcomes of malnourished under-five children treated in health facilities in South West Ethiopia	Sileshi Dubale, Jimma University
NNC-05	Co-creation of evidence on the management of small and nutritionally at-risk infants under 6 months: A partnership in progress	Mubarek Abera, Emergency Nutrition Network (ENN)
NNC-06	Dietary intake and nutrient gap of Ethiopian women of reproductive age: A cross-sectional study	Dawit Alemayehu, EPHI
NNC-07	Prevalence of anemia and associated factors among adolescent girls in Ethiopia: A systematic review and meta-analysis	Samuel Derbie, Debre Markos University
NNC-08	Major determinants of early initiation of complementary feeding among mother-infant pairs in Ethiopia: A systematic review and meta-analysis	Amare Demisse, University of Gondar
NNC-09	Homestead gardening for enhancing the nutritional status of Households: the case of three selected woredas in Oromia regional state	Tsion Abate
NNC-10	Impact of productive safety net program on household food security in Southern Ethiopia	Eyassu Gachira, Mizan Tepi University
NNC-11	Undernutrition among pregnant adolescents: A scoping systematic review	Adane Tesfaye, Dilla University



Poster number	Poster title	Presenter
NNC-12	Association between anemia with physical functioning, nutritional status, and daily activity, hospitalization, and mortality among elders	Mulugeta Aklilu, EPHI
NNC-13	Food insecurity and the risk of maternal depression and psychological distress in Ethiopia: A meta-analysis	Berhanu B. Boru, University of Gondar

Day 2: December 9, 2021

Sessions

8.30am-9.00am	Registration and poster viewing
Session 4: Food systems research	
Chair: Maya HageAli, FAO-Ethiopia	
9.01- 9:20 a.m.	Keynote: Transforming the Ethiopian food system: Game-changing solutions Dr. Mandefro Nigusie, Ethiopian Agricultural Transformation Agency
9:21-9:35 a.m.	Addressing Ethiopian food systems challenges: Reducing food losses through improved postharvest management in Ethiopia Prof. Ali Mohammed, Jimma University
9:36 -9:50 a.m.	Food-based dietary guidelines for Ethiopia Dawit Alemayehu, EPHI
9:51-10:05 a.m.	Fill the nutrient gap analysis: Situation assessment for multi-sectoral decision making on the prevention of malnutrition Dr. Aregash Samuel, EPHI
10:06-10:40 a.m.	Discussion
10:41-11:00 a.m.	Break and poster viewing
Session 5: Leveraging data for accountability and action among the Food and Nutrition Strategy (FNS) implementing sectors	
Chair: Dr. Aregash Samuel, EPHI	
11:01-11:20 a.m.	Keynote: Data needs to track progress in the implementation of the FNS Dr. Meron Girma, EPHI-NIPN
11:21-11:35 a.m.	Strengthening nutrition information systems in Ethiopia: Challenges and ways forward Tarekegn Negese, MOH
11:36 -11:50 a.m.	Use of web-based Unified Nutrition Information System (UNIS) for multi-sectoral data management system in Seqota Declaration Woredas Kebede Mamo, Seqota Declaration, FPDU, MOH
11:51-12:05 p.m.	Promotion of data use through centralized data management systems Dr. Fentabil Getnet, NDMC-EPHI
12:06-12:30 p.m.	Discussion
12:31-01:30 p.m.	Poster viewing and Lunch
Session 6: Food Product Innovation contest	
Chair: Dr.Endale Amare, EPHI	
01:31-01:50 p.m.	Keynote: Linking food product research with industry Dr. Kebede Abegaz, Hawassa University
01:51-02:05 p.m.	Food product 1
02:06-02:20 p.m.	Food product 2
02:21-02:35 p.m.	Food product 3
02:36-02:50 p.m.	Food product 4
02:51-03:20 p.m.	Judging and results
03:21-03:40 p.m.	Break and poster viewing

Parallel session 1: Evidence related to the effectiveness of nutrition interventions

Chair: Dr. Samson Gebremedhin, Addis Ababa University

03:41-03:55 p.m.	Nutrition sensitive agriculture interventions to improve the nutritional status of most vulnerable household: Results from the growth through nutrition cohort study Mebit Kebede, Save the Children
03:56-04:10 p.m.	A low health literacy approach nutrition education intervention improved consumption of animal source foods: A cluster-randomized controlled Trial Dr. Alemneh Kabeta, Hawassa University
04:11-04:25 p.m.	Effect of multiple micronutrients, combined iron-folic acid, and folic acid supplementation during preconception and conception on birth outcomes: A systematic reviews and meta-analysis Eskeziaw Agdew, Debre Markos University
04:26-04:51 p.m.	Discussion

Parallel session 2: Food systems research

Chair: Dr. Getachew Addis, EPHI

03:41-03:55 p.m.	Findings from a national food safety landscape analysis Tewodros Girma, Save the Children-MOA
03:56-04:10 p.m.	Extending avocado shelf life Helen Berihu, Debre Berhan University
04:11-04:25 p.m.	Effect of treatment on the beta carotene retention of orange-fleshed sweet potato varieties grown in Hawassa, Ethiopia Geremew Tasew, EPHI
04:26-04:51 p.m.	Discussion
04:52-05:00 p.m.	Day 2 conclusion

Poster Presentations: Day 2

Poster number	Poster title	Presenter
NNC-14	Midline assessment of maternal nutrition interventions in SNNP and Somali Regions	Tamirat Tafesse, Alive and Thrive Ethiopia
NNC-15	Predictive ability of the mini nutritional assessment short-form (MNA-SF) as compared to serum albumin concentration in the community-dwelling elders in East Ethiopia	Megersso Urgessa, Madda Walabu University
NNC-16	Operational research on Ethiopian multi-sectoral approach for nutrition	Dr. Firehiwot Mengistu, UNICEF
NNC-17	Availability of adequately iodized salt at the household level in Ethiopia: A systematic review and meta-analysis	Alehegn Aderaw, Debre Markos University
NNC-18	Infant feeding practices among human immune virus exposed infants in Ethiopia: A systematic review and meta-analysis	Habtamu Temesgen, Madda Walabu University
NNC-19	Time to stop exclusive breastfeeding and its determinants among employed and unemployed mothers in Northwest Ethiopia	Getu Gizaw, Jimma University
NNC-20	Findings from an evidence synthesis for the development of roadmap and investment case for Seqota Declaration expansion phase	Bisrat Haile, Seqota Declaration, FPDU, MOH
NNC-21	Evaluation of the nutritional quality of complementary food formulated from locally available grains and <i>Moringa stenopetala</i>	Adamu Belay, EPHI

Poster Presentations: Day 2

Poster number	Poster title	Presenter
NNC-22	Predictors of malnutrition among older adults aged above 65 years in eastern Ethiopia: neglected public health concern	Abdu Oumer, Dire Dawa University
NNC-23	Vertical Farming Technology to Improving Food Security for Sustainable Development: A Case Study of Bahir Dar Zuria, Ethiopia	Guta Sheru, Bahir Dar University
NNC-24	Pre-lacteal feeding and associated factors in Ethiopia: A systematic review and meta-analysis	Habtamu Temesgen, Debre Markos University
NNC-25	Optimization and development of nutritious bread from a mixture of wheat, teff, and lupin	Badasa Rata, Bahir Dar University
NNC-26	The full mini nutritional assessment tool better predict hemoglobin and percent of Ideal body weight: In the case of elders in geriatrics center in Eastern Ethiopia	Tariku Abebe , Dire Dawa University
NNC-27	Nutritional composition and some bioactive compounds of shameta: A traditional fermented porridge exclusive to lactating mothers in the Southwest part of Ethiopia	Daniel Asfaw, Wollega University
NNC-28	The effect of the super school of five hand and face washing program on school-age children hygiene behaviors in Seqota Declaration wordas	Mesfin Gobena, Seqota Declaration, FPDU, MOH

Day 3: December 10, 2021

Sessions

8:30am -9:00am	Registration and poster viewing
Session 7: Three-minutes presentations	
<i>Chair:</i> Mr. Fikadu Reta, Hawassa University	
9:01-9:20 a.m.	Keynote: The role of research in design and implementation of nutrition programs: How can academic research inform policy Dr. Kaleab Baye, Addis Ababa University
9:21-9:25 a.m.	Dynamics of mycotoxin occurrence in farm-stored maize Dr. Admasu Fanta, Bahir Dar University
9:26-9:30 a.m.	Applying agriculture income pathway to improve diversified consumption for most vulnerable households, experiences of Growth Through Nutrition (GTN) in Ethiopia. Mebit Kebede, Save the Children
9:31-9:35 a.m.	Nutritional status of children between households with and without home gardening: A community-based comparative study. Mulat Tirfie, Bahir Dar University
9:36-9:40 a.m.	Optimal combination of local foods based on dietary pattern can potentially improve nutrient adequacy for children aged 6-23 months in urban slums Wonda Garoma, Wollega University
9:41-9:45 a.m.	Knowledge, attitude, and practice on diet-related non-communicable diseases among adults in Jigjiga Town, Somali regional state. Hassen Mohammed, Jigjiga University
9:46-9:50 a.m.	Innovative poultry intervention to reduce anemia and improve overall nutritional status among infant and young children: A cluster-randomized trial Anteneh Omer, Hawassa University
9:51-9:55 a.m.	Assessment of Implementation of Baby Friendly Hospital Initiative (BFHI) in Selected Hospitals in Oromia, SNNP and Sidama Regions, Ethiopia Dereje Assefa, Alive and Thrive, Ethiopia
9:56-10:00 a.m.	Sun exposed mushroom improves vitamin D deficiencies and supports patients fight tuberculosis Dr. Tibebelessie Seyoum, University of Hohenheim
10:01- 10:05 a.m.	Effects of dietary diversification during pregnancy on birth outcomes: A prospective cohort study Amsalu Taye, Debre Markos University
10:06-10:10 a.m.	Dried papaya processing; Effect of different drying techniques and treatments of papaya on the nutrient retentions, sensorial quality, and shelf-life stability. Masresha Minuye, Ethiopian Institute of Agricultural Research
10:11-10:45 a.m.	Announcement of winning presentation (judges and audience choice)
10:45-11:15 a.m.	Break and poster viewing



የጤና ሚኒስቴር ኢትዮጵያ
MINISTRY OF HEALTH, ETHIOPIA



Parallel session 3: Food System Research	
Chair: Dr. Aweke Kebede, WFP	
11:16-11:30 a.m.	Affordability of nutrient adequacy and dietary energy in Ethiopia, 2001-2017 Dr. Fantu N. Bachewe, IFPRI
11:31-11:45 a.m.	Understanding urban consumers' food choice behavior in Ethiopia: Promoting demand for healthy foods Dr. Mequanint B. Melesse, ICRISAT
11:46-12:00 a.m.	Determinants of adoption of irrigation technology and Its Implication on household farm income and food security Agidew Abebe, Arba Minch University
12:01-12:25 p.m.	Discussion
Parallel Session 4: Updates on the progress made in reducing malnutrition	
Chair: Dr. Kedir Teji, Haromaya University	
11:16-11:30 a.m.	Camel milk consumption is associated with less childhood stunting and underweight than bovine milk in rural pastoral districts of Somali, Ethiopia Dr. Anbissa Muleta, Jigjiga University
11:31-11:45 a.m.	Prevalence of folate deficiency and its associated factors among pregnant women: A community-based cross-sectional study Newas Yusu, Haromya University
11:46-12:00 a.m.	Urban school adolescents stunting and thinness and Global Diet Quality Score in Addis Ababa Dr. Walelegn Worku, Addis Continental Institute of Public Health
12:01-12:25 p.m.	Discussion
12:26-12:50 p.m.	Certificate: Contest winners and sponsors
12:51- 12:59 p.m.	Final concluding remarks and certificate: Dr. Getachew Tollera, DDG EPHI
1:00-02:00 p.m.	Lunch

Poster Presentations: Day 3

Poster number	Poster title	Presenter
NNC-29	Dynamics of mycotoxin occurrence in farm-stored maize	Dr. Admasu Fanta, Bahir Dar University
NNC-30	Applying agriculture income pathway to improve diversified consumption for most vulnerable households, experiences of Growth Through Nutrition (GTN) in Ethiopia.	Mebit Kebede, Save the Children
NNC-31	Nutritional status of children between households with and without home gardening: A community-based comparative study.	Mulat Tirfie, Bahir Dar University
NNC-32	Optimal combination of local foods based on dietary pattern can potentially improve nutrient adequacy for children aged 6-23 months in urban slums.	Wondu Garoma, Wollega University
NNC-33	Knowledge, attitude, and practice on diet-related non-communicable diseases among adults in Jigjiga Town, Somali regional state.	Hassen Mohammed Jigjiga University
NNC-34	Innovative poultry intervention to reduce anemia and improve overall nutritional status among infant and young children: A cluster-randomized trial	Anteneh Omer, Hawassa University
NNC-35	Assessment of Implementation of Baby Friendly Hospital Initiative (BFHI) in Selected Hospitals in Oromia, SNNP and Sidama Regions, Ethiopia	Dereje Assefa, Alive and Thrive, Ethiopia





Poster number	Poster title	Presenter
NNC-36	Sun exposed mushroom improves vitamin D deficiencies and supports patients fight tuberculosis	Dr. Tibebeselassie Seyoum, University of Hohenheim
NNC-37	Effects of dietary diversification during pregnancy on birth outcomes: A prospective cohort study	Amsalu Taye, Debre Markos University
NNC-38	Dried papaya processing; Effect of different drying techniques and treatments of papaya on the nutrient retentions, sensorial quality, and shelf-life stability.	Masresha Minuye, Ethiopian Institute of Agricultural Research