

## SPECIAL EVENT

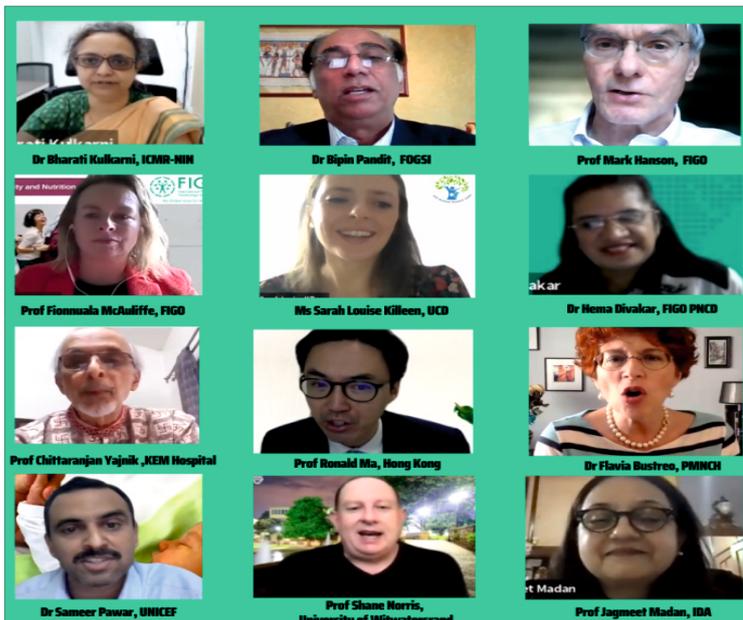
### ACTION AGAINST STUNTING HUB



Dr. Hemalatha R, Director and Dr. Bharati Kulkarni, Scientist-F, HoD-Clinical Division, met Dr. Tamilisai Soundararajan, Hon'ble Governor, Telangana State to brief about a study being conducted by NIN "UKRI GCRF Action against Stunting Hub", which aims to examine the multifactorial determinants of stunting in a cohort of pregnant women and the offspring recruited from Hyderabad slums. The Hon'ble Governor offered to extend her support for creating awareness on child stunting and improving nutritional status of women and children among the people (30<sup>th</sup> July).

### WEBINARS/ MEETINGS ORGANIZED/ PARTICIPATED

- The meeting of "Institutional Animal Ethics Committee-NIN" was held under the Chairmanship of Dr. Hemalatha R, Director, NIN. CPCSEA Nominees Dr. Prakash Babu, Pro-VC, School of Life Science University of Hyderabad, Dr. Sachin, CCMB, Prof. Kala Kumar, PVNR Veterinary University, Mr. Madhav Rao, Senior Advocate, Telangana High Court, and NIN-IAEC members attended the meeting (28<sup>th</sup> July).



- The 7<sup>th</sup> E-Dialogue in the monthly Maternal Nutrition Technical E-Dialogue series being organised by ICMR-NIN along with FOGSI and UNICEF India was held on the topic "The FIGO Nutrition Checklist," co-organized by International Federation of Gynaecology and Obstetrics (FIGO). Dr Bharati Kulkarni, Scientist-F, HoD-Clinical Division and the series' convenor provided an overview. Dr Bipin Pandit, Vice-President of FOGSI, Prof Mark Hanson, Prof Fionnuala McAuliffe, Ms. Sarah Louise Killeen, Prof Ronald Ma, Dr Flavia Bustreo, Prof. Chittaranjan Yajnik, Dr Sameer Pawar, Dr Hema Divakar, Prof Shane Norris and Prof Jagmeet Madan participated (30<sup>th</sup> July).

### **Dr. Hemalatha R, Director**

- Attended webinar on 'School feeding programmes amidst COVID-19 in Asia and the Pacific' organized by United Nations World Food Programme (WFP) and Oxford Policy Management (OPM) (1<sup>st</sup> July).
- Chairperson for the first meeting of Steering Committee for the Co-Benefits of Large scale Organic Farming on Human Health (BLOOM) UKRI-funded research study, organized by Public Health Foundation of India and University of Edinburgh, Scotland, UK (6<sup>th</sup> July).
- Attended the 44<sup>th</sup> Gopalan Memorial Oration on 'Race, Caste and Nutrition in the 21<sup>st</sup> Century: Select Studies in Maternal and Child Health' delivered by Prof. Christopher Paul Duggan, Head, Centre for Nutrition at Boston Children's Hospital, Harvard Medical School (12<sup>th</sup> July).
- Second Meeting of the committee to examine revision of nutritional standards fixed under National Food Security Act, 2013 organized by Ministry of Consumer Affairs, Department of Food and Public Distribution, New Delhi (13<sup>th</sup> July).
- Attended 'Online development dialogue for the pre-summit dialogue for the UN Food System Summit' organized by Research and Innovation Circle of Hyderabad (RICH) (Govt. of Telangana initiative) (16<sup>th</sup> July).
- Virtual meeting with the officials of the Economic Section of the Indonesian Embassy in New Delhi regarding exchanging of views and scouting for possible future cooperation in Research in Vegetable Oil between Indonesia and India (20<sup>th</sup> July).
- Virtual meeting with Prof. Bejon Kumar Misra, Founder, Healthy You foundation seeking our expert guidance on a proposed project to develop a robust communication strategy to educate the consumers and empower them to differentiate between wholesome and unhealthy food (20<sup>th</sup> July).
- Attended meeting, to review haemoglobin threshold and estimation methodology used to identify anaemia in national level surveys, i.e. CNSS (2016-18) and NFHS-5 (2019-20) and other national representative surveys/ studies, organized by Ministry of Health and Family Welfare, New Delhi (20<sup>th</sup> July).
- Response to Lok Sabha D. No. 3160 regarding Harmful effects of chemicals in Foods (22<sup>nd</sup> July).
- Meeting conducted by Secretary, DHR & DG, ICMR regarding a follow up of the meeting of Hon'ble HFM on DHR/ICMR issues (administrative / scientific) (23<sup>rd</sup> July).
- Attended 2<sup>nd</sup> Steering Committee meeting of NetProFan, organized by Food Safety and Standards Authority of India (FSSAI), New Delhi (23<sup>rd</sup> July).

### **Dr. A. Laxmaiah**

- Participated in the 30<sup>th</sup> National Coalition meeting for sustained optimal iodine intake.

### **Dr. G. Bhanuprakash Reddy**

- Delivered a lecture on "Immunity and nutrition in the context of Covid-19" at the Webinar on "Jagrukta abhiyan for COVID-19 pandemic" organized by the National Academy of Sciences, India-Hyderabad Chapter (28<sup>th</sup> July).
- Expert group meeting to review the hemoglobin threshold and estimation methodology used to identify anemia in national level surveys (20<sup>th</sup> July).

### **Dr. Bharati Kulkarni**

- Attended meeting on Revision of Food and Nutrition norms under Schedule II of the National Food Security Act, 2013 (13<sup>th</sup> July).

### **Dr. Padmaja Jonnalagadda**

- Attended webinar on "Food safety and hygiene in food industry- Role of Indian standards" organized by FAD, BIS (22<sup>nd</sup> July).

### Dr. M. Maheshwar

- Participated in two-day online training course on "Advance Course on Preventive Vigilance" organized by National Productivity Council, Ministry of Commerce & Industry, Govt. of India (6-7<sup>th</sup> July)

### Dr. SubbaRao M Gavaravarapu

- Delivered inaugural address on "Qualitative Research Methods in Global Health Nutrition - the way ahead" for the webinar series on Qualitative Research in Public Health Nutrition organized by Nutrition Society of India (NSI) Mumbai Chapter (10<sup>th</sup> July).
- Participated in Project Initiation and current update on the NutritiAIDE Project with the PI Prof. Markus Keck, Cologne University, Germany (14<sup>th</sup> July).
- Chaired a live online session on 'Development Communication to advance health agendas' as part of the Health Communication Working Group in the Annual Conference of the International Association of Media and Communication (IAMCR), Nairobi, Kenya (14<sup>th</sup> July).
- Chaired a live online session on 'Infodemic in Pandemic' as part of the Health Communication Working Group in the Annual Conference of the International Association of Media and Communication (IAMCR), 2021, Nairobi Kenya (15<sup>th</sup> July).
- Chaired a meeting of the South Zone Regional Communications Hub of ICMR Institutes (20<sup>th</sup> July).

### Dr. K. Rajender Rao

- Delivered a talk on "Diet, Gene and Obesity" during a one-day National Seminar (webinar) on "Recent Trends in Metabolic Disorders: An Epigenetic Approach", organized by Department of Life Sciences, Adikavi Nannaya University, University College of Science & Technology (UCST), Andhra Pradesh.

### Dr. Shobi Veleri

- Presented a paper titled "Health and diseases in genetics dice game", in the webinar organized at the Center for Academic Skills and Kinesthetic Educational Training (CASKET), Kasaragod, Kerala (25<sup>th</sup> July).

## INSTALLATION OF CARDIOPULMONARY EXERCISE TESTING (CPET) IN MYAS DEPT.



The stationary cardiopulmonary exercise system measures pulmonary gas exchange during graded exercise on a treadmill or bicycle ergometer using real-time breath-by-breath technology. This enables one to understand the cardiorespiratory fitness of an individual and is useful in the field of exercise physiology, sports science and clinical exercise testing. The main parameters measured are aerobic capacity ( $VO_{2max}$ ,  $submaxVO_2$ , Thresholds (AT, RCP), and Other CPET Parameters (VE Response,  $VE/CO_2$ , OUES,  $VO_2 /WR$ ,  $O_2$  Pulse, EFVL etc.), Resting Energy Expenditure (REE, RQ, substrates %FAT, % PRO, % CHO), Indirect calorimetry.

## JOURNAL CLUB



**Dr. D. Subrahmanyam**, Scientist-B, Clinical Division, presented a paper on "Prevalence of iron deficiency and its socio-demographic patterning in Indian children and adolescents: Findings from the Comprehensive National Nutrition Survey 2016-18" (23<sup>rd</sup> July).



**Mr. Virendra Panpatil**, Technical Officer-C, Molecular Biology Division presented a paper on "Effect of Turmeric on Bisphenol-A Induced Toxicity" (9<sup>th</sup> July).

## PAPERS PUBLISHED/ ACCEPTED FOR PUBLICATION

- GB Reddy, S Tattari, S Ghosh, R Pullakhandam, NB Kumar, B Kulkarni, A Laxmaiah, U Kapil, S. Deb, R Hemalatha, AV Kurpad, HS Sachdev. Prevalence of vitamin A deficiency and dietary inadequacy in Indian school-age children and adolescents. Eur J Nutr. 2021 Jul 12. doi: 10.1007/s00394-021-02636-7. PMID: 34251518.
- KS Vimalaswaran, GB Reddy. Letter to the Editor on guiding global best practice in personalized nutrition based on genetics: The development of a nutrigenomics care map. J Acad Nutr Diet. 2021 July. 121(7); 1215-1216.
- Kurpad AV, Ghosh S, Thomas T, Bandyopadhyay S, Goswami R, Gupta A, Gupta P, John AT, Kapil U, Kulkarni B, Kuriyan R, Madan J, Makkar S, Nair KM, Pullakhandam R, Reddy GB, Shah D, Sachdev HS. Perspective: When the cure might become the malady: the layering of multiple interventions with mandatory micronutrient fortification of foods in India. Am J Clin Nutr. 2021 Jul 28:nqab245. doi: 10.1093/ajcn/nqab245. PMID: 34320172.
- Roopasree OJ, Adivitiya, Chakraborty S, Kateriya S, Veleri S. Centriole is the pivot coordinating dynamic signaling for cell proliferation and organization during early development in the vertebrates. Cell Biol Int. 2021 Jul 21. doi: 10.1002/cbin.11667
- Srividya Gopalakrishnan, Ayesha Ismail. "Aromatic monophenols from cinnamon bark act as proteasome inhibitors by upregulating ER stress, suppressing FoxM1 expression and inducing apoptosis in prostate cancer cells". Phytotherapy Research. July 2021.

## STAFF NEWS

### Congratulations

- **Dr. SubbaRao M Gavaravarapu** for being invited as an Advisory Committee Member for the Department of Visual Communication, Kumaraguru College of Liberal Arts and Science, Coimbatore for a tenure of 3 years (2020-23).
- **P. Swathi Chitra** was awarded PhD degree in Nutrition by Osmania University in June 2021 for her thesis on "Studies on biochemical pathways and micronutrient status in age-related cataracts" (Research Supervisor: Dr. G. Bhanuprakash Reddy).

### Retirement

We bid farewell to the following staff on the eve of their retirement on attaining superannuation.



**Mr. M. Seshacharyulu**  
Technical Officer B



**Mr. Mohammed Yaseen**  
Laboratory Assistant 1