



**PLATFORM FOR RESEARCH EXCELLENCE RELATED TO NATIONAL AIMS
(PRERNA) SCIENCE MEETING 2022**

**Advances and research priorities in iron deficiency anaemia during
pregnancy and childhood**

Organizing Partners: *KEM Hospital Research Centre, Pune; Centre for Health Research and Development-Society for Applied Studies, New Delhi; Christian Medical College, Vellore*

Dates: Feb 14, 15 and 16, 2022 (Online)

Time: 5:30 pm IST onward

Objectives : To identify and prioritise research areas in iron deficiency anaemia during pregnancy and childhood and to develop research proposals in iron deficiency anemia during pregnancy and childhood in collaboration with national and international partners.

The meeting will have presentations and discussions on various topics related to iron deficiency anemia in pregnancy and childhood by national and international experts. There will group activities to identify and prioritize research questions in Indian context followed by an expert review.

Agenda

Topic	Speaker	Time	Chair
Day 1			
Welcome and introduction	Dr Aditi Apte, KEMHRC	1730-1740 hrs IST	Dr Prema Ramchandran, Nutrition Foundation of India and Dr Molly Jacob, CMC, Vellore
Impact of Iron deficiency during pregnancy and childhood – Unresolved issues for LMICs	Dr Angela de Silva, WHO SEARO	1740-1830 hrs IST	
Challenges in the diagnosis of true iron deficiency	Prof Molly Jacob, CMC Vellore	1830-1920 hrs IST	
Iron and Immunity	Prof Bobby Cherayil, Havard-MIT	1920-2010 hrs IST	
Iron biology in pregnancy	Prof Elizabeta Nemeth, UCLA	2010-2100 hrs IST	
Discussion of research priorities for day 1	Panelists: Bobby Cherayil, Elizabeta Nemeth, Molly Jacob, Angela de Silva	2100-2130 hrs IST	
Day 2			
Recap of day 1	YI (CMC)	1730-1735 hrs IST	
Showcasing recent work by PRERNA Partners on anemia	YIs/Young Scientists	1735-1810 hrs IST	
Alternate strategies for iron delivery	Prof Michael Zimmermann, ETH, Zurich	1810-1900 hrs IST	Dr Anju Sinha, ICMR & Dr Bharati Kulkarni, NIN
Meeting iron needs of women during pregnancy and infants and children under 2 years of age: an evolutionary perspective	Prof Kathryn Dewey, UC Davis	1900-1950 hrs IST	
Iron supplementation programs in India – what is needed ?	Dr Purnima Menon & Dr Samuel Scott, IFPRI, India	1950-2040 hrs IST	
Discussion on research priorities for day 2	Panelists: Kathryn Dewey, Purnima Menon, Samuel Scott, Molly Jacob	2040 -2110 hrs IST	
Day 3			
Recap of Day 2	YI (CHRD-SAS)	1730-1740 hrs IST	
PICO presentations by YIs	Group 1 : Epidemiology and diagnosis of iron deficiency anemia in MCH Group 2: Iron interventions during pregnancy Group 3: Iron interventions during childhood	1740-1940 hrs IST	Expert Panel: Dr Bharati Kulkarni, NIN; Dr Molly Jacob, CMC, Vellore*
Closing remarks	-----	1940-2000 hrs IST	

* Panelist to be added