

# International Webinar on Women and Neonatal Health on

8<sup>th</sup> March 2022

Time: 10:00 AM (Indian Standard Time)

Organized & hosted by:



Department of Agriculture, MM(DU)

Mullana-Ambala (India)

Link to join online on MS-Teams:

[https://teams.microsoft.com/l/meetup-join/19%3a5fFR5ZwvVGvc\\_HdwMngrb18jukRAOOQGbK048FZRdds1%40thread.tacv2/1646198784181?context=%7b%22tid%22%3a%221388c7ed-d404-4ab6-8d97-d2d6e8b01120%22%2c%22oid%22%3a%221dae8c11-0a5a-45eb-839b-20cbdf3486c5%22%7d](https://teams.microsoft.com/l/meetup-join/19%3a5fFR5ZwvVGvc_HdwMngrb18jukRAOOQGbK048FZRdds1%40thread.tacv2/1646198784181?context=%7b%22tid%22%3a%221388c7ed-d404-4ab6-8d97-d2d6e8b01120%22%2c%22oid%22%3a%221dae8c11-0a5a-45eb-839b-20cbdf3486c5%22%7d)

Registration Link:

[https://docs.google.com/forms/d/e/1FAIpQLSfL\\_5PrnZ8BAKp95lqvin5lic1i7hRcCqSt4X6I1ZfSJtqBQ/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSfL_5PrnZ8BAKp95lqvin5lic1i7hRcCqSt4X6I1ZfSJtqBQ/viewform?usp=sf_link)  
in collaboration with

International Foundation for Sustainable Development in Africa and Asia (IFSAAA) - African Asian Studies Promotion Association (AASF) – Germany and Society for Sustainable Agriculture and Resource Management (SSARM) – India.

As per FAO, Statistic, the world population will be around 8 billion people by 2025. Currently about 850 million people suffer from hunger and about 2 billion children suffer from malnutrition and micronutrient deficiency. India ranks number 1 in terms of pre-term birth as 23% pre-term born infants are in India. Human health is determined by genetic, epigenetic, environmental, nutritional and psychological factors. Women health is most critical during times of pregnancy. Genotype of an individual mothers determines the phenotype of the foetus and the neonates through its interaction with nutrition and medication during

pregnancy. These epigenetic changes due to genotype environmental interaction determine the health of foetus, neonates and adults and sometime these changes are inherited over generation (DOHAD). All the above stated factors determined the optimal pregnancy environment and the health of neonates. It is therefore utmost important that the precise risk assessment during pregnancy is done so that nutritional, threptic, physiotherapeutic and psychological counselling interventions are put in place for the health of pregnant mothers and neonates. Therefore, Characterization of gut microbiome and management of stress during pregnancy are important deterministic factors. In consideration of the above facts, Deptt. Of Agriculture MMDU Mullana in collaboration with OPERA, Canada/ Australia, IFSAAA, Germany and SAARM India will organize an international webinar on International Women Day, 8<sup>th</sup> March 2022. The experts, research scholars and students from health and agricultural sciences as well as from other allied disciplines of Science and Technology among global community are cordially invited to join the webinar proceedings to celebrate International Women Day.

## Inspiration, Supervision and Moderation



Prof. David M. Olson  
Alberta University, Canada



Prof. Richard Saffery  
M. University, Australia



Prof. Deborah Sloboda  
McMaster, Canada

## Distinguished Speakers



Dr. Nayara Lopes  
Alberta Univ., Canada



Dr. Toby Mansell  
Melbourne Univ., Australia



Dr. Kate Kennedy  
McMaster, University, Canada



Dr. Ruby Bhatia  
MMIMSR, MM (DU), Mullana, India

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