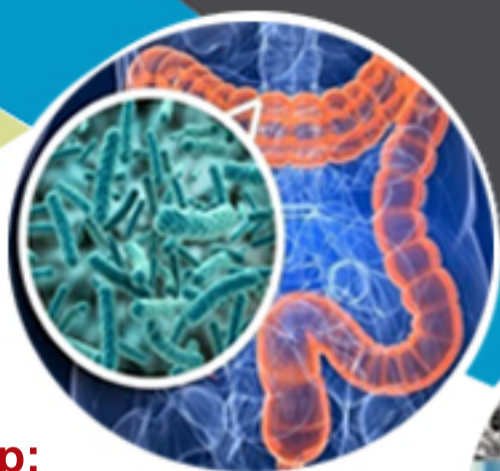


First International Workshop
on
SYSTEMS BIOLOGY FOR HUMAN & PLANT NUTRITION
CENTER OF EXCELLENCE IN GENOMICS & SYSTEMS BIOLOGY

ICRISAT, Hyderabad, India

March 22-24, 2018



About the Workshop:

Systems Biology is an emerging holistic approach to decipher the complexity of biological systems by combining various-omics approaches such as genomics, transcriptomics, epigenomics, proteomics, metabolomics together with modelling, synthetic biology and high-performance computational analysis (data / network biology). This is based on the understanding that a biological system does not function as an independent entity, rather continuously interact with environment and other systems.

The ICRISAT- Center of Excellence in Genomics & Systems Biology (cegsb.icrisat.org) has recently initiated systems biology research under three different modules namely gut microbiome, soil microbiome and trait biology. This workshop is bringing together ca. 25 leading researchers in the above mentioned areas from 10 countries. The main objective of the workshop is to establish strong partnership globally for better understanding the impact of legumes-based diet on the gut microbiota of children, soil microbiome for enhanced crop productivity and complex traits of agronomic importance in ICRISAT mandate crops.

Key Speakers / Delegates:

Manimozhayan Arumugam, University of Copenhagen, Denmark

Deepak Bamola, All India Institute of Medical Sciences, India

Palak Chaturvedi, University of Vienna, Austria

Dhiraj Dhotre, National Centre for Microbial Resources, India

Sourav Sen Gupta, Rajiv Gandhi Centre for Biotechnology, India

Vadakattu Gupta, Commonwealth Scientific and Industrial Research Organisation, Australia

Nicole Idohou-Dossou, University Cheick Anta Diop of Dakar, Senegal

Tao Jin, BGI-Shenzhen, China

Modou Jobe, MRC Unit The Gambia (MRCG), The Gambia

KV Radha Krishna, ICMR-National Institute of Nutrition, India

Karsten Kristiansen, BGI-Shenzhen, China & University of Copenhagen, Denmark

Fatou Diawara Mme Traore, Centre for Research and Documentation on Child Survival, Mali

Himaja Nallagatla, ICMR-National Institute of Nutrition, India

Andy Neal, Rothamsted Research, UK

Appa Rao Podile, University of Hyderabad, India

Punna Ramu, Cornell University, USA

Sabiha Shaik, International Centre for Diarrhoeal Disease Research, Bangladesh

Liam Shaw, University College London, UK

Vasanthi Siruguri, ICMR-National Institute of Nutrition, India

Kwaku Tano-Debrah, University of Ghana, Ghana

Wolfram Weckwerth, University of Vienna, Austria



For more details

Web: <http://cegsb.icrisat.org/systems-biology/>

 /coeingenomics

 /coeingenomics