



DBT - AIST
International Laboratory
for Advanced Biomedicine
DAILAB



DAILAB SISTERS UNION for MIND MATERIAL INTERACTIONS & TRACK-BUILDING

Participating institutes:



DAILAB Summit 2019

&
DAILAB PIKNIKH Series XXXIII

February 18, 2019

Supported by:



Hosted by IIT-Delhi

SISTERS UNION

DAILAB SUMMIT (SISTERS UNION for MIND MATERIAL INTERACTIONS & TRACK-BUILDING) - 2019 took place on Feb 18@IIT-Delhi. Hosted by Dr. D. Sundar, all DAILAB coordinators from SISTER DAILABs in India and Japan joined. Inaugural Session wherein Dr. Sundar welcomed all participants, Dr. Ohmiya delivered the opening address, Dr. Kaul presented overview of DAILAB to DAICENTER journey/current achievements/future vision and mission, all coordinators presented their views and expressed appreciation of being a part of this unique project.

PROGRAM

Time	PROGRAM
09:00 - 09:15	Registration
	Inaugural Session
9:15 - 10:15	Welcome - IIT Delhi - Sand Kaul (DAICENTER - An Overview, Vision and Vocation) Inaugural address - Department of Biotechnology, Govt. of India Special remarks - Yoshihiro Ohmiya (Director, Biomedical Research Institute, AIST, Japan)
10:15 - 10:45	Group Photo and High Tea
Session I - (10:45 - 13:00)	
10:45 - 11:00	D. Sundar (DAILAB@IIT-Delhi - Concept, Contributions and Upcomings)
11:00 - 11:30	Renu Wadhwa (DAILAB@AIST - Japan- Research on Ashwagandha Biology and Biotechnology - an update)
11:30 - 12:00	Pratap Pati (DAILAB@Guru Nanak Dev University - Research on Ashwagandha - raising elite varieties)
12:00 - 12:30	Sudhanshu Virati (DAILAB@RCB - Novel Vaccine Candidates and Antivirals against Chikungunya Virus)
12:30 - 13:00	K. Satyamoorthy (DAILAB@Manipal University - TBA)
13:00 - 14:00	Lunch (Venue: Main Guest House)
Session II - (14:15 - 16:00)	
14:15 - 14:45	Ajakumar B. Khandumakkara - (DAILAB@IIT Guwahati - Development of novel molecular targets and drugs for the prevention and treatment of Oral cancer)
14:45 - 15:15	Jyoti Prakash Tamang (DAILAB@Sikkim University - Metagenomics of some ethnic fermented foods of North East India: Microbial diversity and Functionalities)
15:15 - 15:45	Breakout Session - Potential areas of collaboration - Specific areas and other matter - Recommendations
15:45 - 16:00	Closing remarks - Yoshiaki Onishi (Deputy Director, Biomedical Research Institute, AIST, Japan) - All coordinators Light Tea

MIND MATERIAL INTERACTIONS

Scientific session enrolled presentations from all coordinators presenting their strengths, mind and materials for research. Unique platforms of their specialization that can be shared to train next generation of scholars and develop next series of DAICENTER achievements were expressed. IITD-SISTER Lab presented its strength in drug design, discovery, computational biology and NGS analysis. Tsukuba team presented its work on interventions on aging, stress and cancer and molecular biology of Ashwagandha and Honeybee propolis activities. GNDU-SISTER Lab presented

its achievements on quality control of Ashwagandha & production of disease-resistant varieties. RCB-SISTER Lab presented its strategies and unique strengths for development of vaccine for Chikungunya virus. MU-SISTER Lab is engaged in cancer genomics, epigenomics using oral cancer progression models. IITG-SISTER Lab presented its outcomes on oral cancer research. SU-SISTER Lab presented ethnic functional food of North-East region of India and views on product development.

The meeting served an important purpose to understand the work being done in SISTER DAILABs, and opened more opportunities for collaboration. Some action points for immediate and longer vision/mission of DAICENTER were discussed. DAICENTER Video and Booklet will be made in a near future for easy understanding and promotion of its concept, and recruitment of new members. SISTER LABs will exchange their resources for research and cooperate to train the young talents as per needs. All SISTER Labs will run specific and specialized training workshops for students.



Gallery of Memories

SISTERS UNION



MIND MATERIAL INTERACTIONS



MIND MATERIAL INTERACTIONS & TRACK-BUILDING

