

DAILAB PIKNIKH SERIES 53 & 54

(Platform for Innovating Knowledge to International KnowHow)



HOSTED BY

6th International Conference on Nutraceuticals and Chronic Diseases and 10th Society for Translational and Cancer Research

Punjab University, Chandigarh, India (February 22-24, 2024)

Chairpersons	Dr. Sunil KAUL <i>AIST-INDIA DAILAB, National Institute of Advanced Industrial Science & Technology (AIST), Tsukuba, Japan</i>	
Nutraceutical Interventions for Stress and Cancer		
Presenter 1 Keynote talk 9:30 – 9:50	Title	Nutraceutical and Pharmaceutical Potential of Honeybee Propolis
	Speaker	Renu WADHWA (renu-wadhwa@aist.go.jp) <i>Nat. Inst. of Advanced Industrial Science & Technology (AIST), Japan</i>
Presenter 2 Invited lecture 9:50 – 10:05	Title	Ashwagandha and Stress management- Experimental evidence
	Speaker	Sunil KAUL (s-kaul@aist.go.jp) <i>Nat. Inst. of Advanced Industrial Science & Technology (AIST), Japan</i>
Presenter 3 Invited lecture 10:05 – 10:20	Title	Luciferase based screening system for nutraceuticals
	Speaker	Yoshihiro OHMIYA (y-ohmiya@aist.go.jp) <i>Nat. Inst. of Advanced Industrial Science & Technology (AIST), Japan</i>
Presenter 4 Invited lecture 10:20 – 10:35	Title	Nano-herbal formulations: Dynamic duo for the amelioration of neurodegeneration
	Speaker	Arpita KONAR (arpita.ih@presiuniv.ac.in) <i>Institute of Health Sciences, Presidency University, Kolkata-700156, India</i>
Presenter 5 Invited lecture 10:35 – 10:50	Title	Elimination of Chemo-resistant Stem-like Cells in TNBCs by a Novel Stem Cell Modulator led to better treatment outcome
	Speaker	Fayaz Malik (malikfayaz@gmail.com) <i>CSIR-Indian Institute of Integrative Medicine Sanat Nagar Srinagar 190005</i>
Presenter 6 Invited lecture 10:50 – 11:05	Title	Hypoxia stress and neurodifferentiation signaling: experimental and computational perspectives
	Speaker	Jaspreet DHANJAL (jaspreet@iiitd.ac.in) <i>Indraprastha Institute of Information Technology Delhi (IIIT-D), India</i>
Presenter 7 Invited lecture 11:05 – 11:20	Title	Epilepsy: Lipid peroxidation and antioxidants perspectives
	Speaker	Shanuja BERI (shanuja@kalindi.du.ac.in) <i>Kalindi College, University of Delhi, Delhi – 110 008, India</i>
Presenter 8 Invited lecture 11:20 – 11:35	Title	Biotechnological interventions in medicinal and nutritionally rich crops
	Speaker	Pratap Kumar Pati (pkpati@yahoo.com) <i>Biotechnology Department, Guru Nanak Dev University, Amritsar-143005</i>





PIKNIKH Series 54

AIST coordinated meeting of HORIBA Japan with PU and GNDU for future partnership in enhancing agricultural standards.

Northern Region S&T Cluster plans tie up with Japan



PU-IIT Ropar-Regional Accelerator for Holistic Innovations (PI-RAHI) Foundation, a Northern Region S&T Cluster, sanctioned by the Principal Scientific Advisor, Govt. of India held meeting with representatives from National Institute of Advanced Science and Technology (AIST), Japan and HORIBA Co. Ltd, Japan to explore areas of mutual interest.

Chandigarh, February 24, 2024: PU-IIT Ropar-Regional Accelerator for Holistic Innovations (PI-RAHI) Foundation, a Northern Region S&T Cluster, sanctioned by the Principal Scientific Advisor, Govt. of India held meeting with representatives from National Institute of Advanced Science and Technology (AIST), Japan and HORIBA Co. Ltd, Japan to explore areas of mutual interest.

AIST was represented by Dr. Sunil Kaul, Chief Senior Scientist and Dr. Renu Wadhwa, Prime Senior Scientist. AIST is the largest public research organizations in Japan, focuses on the creation and practical realization of technologies useful to industry and society, and bridges the gap between innovative technological seeds and commercialization. The delegation highlighted the areas of mutual cooperation between the two organizations.

Dr. Mikiko Uchigashima, representing HORIBA Ltd., Japan, a leading global provider of scientific and analytical instrumentation. Dr. Uchigashima shared about the recent technology developed by HORIBA for rapid detection of pesticides in field along with mycotoxin detection kits, which could be useful for the Indian market. It was felt that rapid detection kits for pesticides could be very useful for monitoring pesticides in the food chain in the Northern Region, because of indiscriminate use. Dr. Yoshihiro Ohmiya, Prime Senior Scientist from AIST, Japan highlighted various areas wherein AIST, HORIBA and PI-RAHI have potential to collaborate such as medical devices, energy and environment & automotive. The plans to initiate joint capacity building programs such as short-term internships and courses were also discussed.

The meeting was also attended by Prof. Harsh Nayyar, Director, Research & Development Cell, Panjab University along with Prof. Rajat Sandhir, Principal Investigator and Ms. Neha Arora, Chief Operating Officer of the S&T Cluster. The meeting also attended by Dr. Sumit Aggarwal, Scientist & Program Officer, Indian Council for Medical Research (ICMR), New Delhi and Prof. Mohd. Akram and Prof. Suhel Parvez from Jamia Hamdard, Hamdard, who also extended their support in the joint programs between the Cluster and AIST & HORIBA.