

**SIKKIM UNIVERSITY**  
(A central university established by an Act of Parliament of India in 2007)



**Inauguration of Bioinformatics Centre & SISTER-DAILAB at Sikkim University  
PIKNIKH Series XII & Bioinformatics Workshop**

**Venue: Conference Hall of Barad Sadan, Sikkim University (SU), Tadong, Gangtok  
Date: October 26, 2016 (Wednesday)**

*Organized by*  
**Bioinformatics Centre, School of Life Sciences, Sikkim University**

*Sponsored by*  
**Department of Biotechnology (DBT), Ministry of Science & Technology, New Delhi**

<b>INAUGURAL</b>	
9:00	<b>Opening of Bioinformatics Centre of Sikkim University at Science Building, Tadong by Vice-Chancellor, SU and Senior Advisor, DBT Opening of DAILAB in Department of Microbiology by Vice-Chancellor, SU and Director, AIST (Japan)</b>
<b>GATHERING AT BARAD SADAN</b>	
10:25-10:30	<b>Invocation Song of the University</b>
10:30-10:40	<b>Welcome Address:</b> Prof. Jyoti Prakash Tamang, Dean, School of Life Sciences
10:40-10:45	<b><i>Khada to Guests</i></b>
10:45-10:55	<b>Address:</b> Dr. Yoshihiro Ohmiya, Director, BMRI, National Institute of Advanced Industrial Science & Technology (AIST), Japan
10:55-11:05	<b>Address:</b> Dr. Sunil Kaul, Chief Senior Research Scientist, BMRI, National Institute of Advanced Industrial Science & Technology (AIST), Japan
11:05-11:15	<b>Address by Chief Guest:</b> Dr. T. Madhan Mohan, Senior Advisor (North East Programme and Bioinformatics), DBT, New Delhi
11:15-11:25	<b>Declaration of MoU between SU (India) and AIST (Japan):</b> Registrar, Sikkim University
11:25-11:35	<b>Address:</b> Prof. Tanka B. Subba, Vice-Chancellor, Sikkim University
11:35-12:00	<b>HIGH TEA &amp; GROUP PHOTO</b>

<b>PIKNIKH Series XII</b> Platform for Innovating Knowledge to International KnowHow	
<b>Chair:</b>	<b>Dr. T. Madhan Mohan</b> , Senior Advisor, DBT, New Delhi <b>Prof. Keshav L. Maharjan</b> , Hiroshima University, Hiroshima, Japan
12:00-12:15	<b>Dr. Renu Wadhawa</b> , AIST, Tsukuba, Japan <i>Systems Biology Approach for Molecular Understanding and Interventions of Stress, Aging, Cancer and Skin Pigmentation</i>
12:15-12:30	<b>Dr. Tomohiro Tamura</b> , AIST, Sapporo, Japan <i>Efficient Production of Active Form of Vitamin D3 by Microbial Conversion</i>
12:30-12:45	<b>Dr. Yoshiaki Onishi</b> , AIST, Osaka, Japan <i>Herbs for Circadian Rhythm</i>
12:45-13:00	<b>Dr. Masami Kojima</b> , AIST, Osaka, Japan <i>Unique Multiple Functional System of Growth Factor in brain: Its Challenge for Clarification of Brain Disease and Development of Diagnostic Measurement</i>
13:00-13:15	<b>Dr. Motomichi Doi</b> , AIST, Tsukuba, Japan <i>Imaging and Screening for the Factors Regulating Neuronal Functions</i>
13:15-13:30	<b>Dr. Ryoji Kurita</b> , AIST, Tsukuba, Japan <i>Microfluidic Disease Marker Determination by Surface Plasmon Resonance Technique</i>
13:30-13:45	<b>Discussion</b>
13:45-14:30	<b>LUNCH</b>

<b>Bioinformatics WORKSHOP</b>	
<b>Chair:</b>	<b>Dr. Sunil Kaul</b> , Chief Senior Research Scientist, National Institute of Advanced Industrial Science & Technology (AIST), Japan
14:30 -14:50	<b>Dr. T. Madhan Mohan</b> , Senior Advisor, DBT, New Delhi
14:50 -15:10	<b>Prof. Keshav L. Maharjan</b> , Hiroshima University, Hiroshima, Japan <i>Food Security Climate Change and Adaptation</i>
15:10 -15:30	<b>Dr. Yumoto</b> , AIST, Tsukuba, Japan <i>Bacterial Communities in Different Locations, Seasons and Segments of a Dairy Wastewater Treatment System Consisting of Six Segments</i>
15:30 -15:50	<b>Dr. D. Sundar</b> , Department of Biochemical Engineering & Biotechnology, IIT-Delhi, India <i>The Process of Structure-Based Drug Design</i>
15:50 -16:10	<b>Dr. Arban Sen</b> , North Bengal University (NBU), Siliguri, India <i>The Story of Actinobacteria - a Bioinformatics Perspective</i>
16:10 -16:20	<b>Dr. Sukant Garg</b> , University of Tsukuba, Japan <i>Aqueous Extract of Helicteres angustifolia L. Roots and its Constituent Cucurbitacin-B for Cancer Treatment</i>
16:20 -16:40	<b>Discussion</b>
16:40 -16:45	<b>Vote of Thanks</b>
16:45	<b>TEA/COFFEE</b>

## Inauguration of SISTER-DAILAB@SIKKIM University, India

October 26, 2016

A delegation of 10 high-level National Institute of Advanced Industrial Science & Technology (AIST) researchers led by Dr. Yoshihiro OHMIYA, Director, Biomedical Research Institute (BMRI) travelled to Gangtok (Sikkim) to inaugurate the SISTER-DAILAB and Bioinformatics Center (supported by DBT, Govt. of India). BMRI, AIST has signed an academic MoU to support the education and research training of students from Sikkim University. The two institutes will execute basic and applied research on unraveling the mechanisms of functionality of some local food ingredients, and develop evidence-based functional food, health supplements and alternative medicine in collaboration with industries. The event was graced by Prof. Tanka B. Subba (Vice-Chancellor, Sikkim University), Prof. Jyoti Prakash Tamang (Dean, School of Life Sciences & Coordinator of DAILAB@Sikkim University), Mr. T. K. KAUL (Registrar, Sikkim University) & more than 100 students and faculties from SIKKIM University. Dr. Tomohiro TAMURA (Director, Bioproduction Research Institute, AIST Japan), Dr. Renu WADHWA (Prime Senior Researcher and Leader DAILAB@BMRI-AIST), Dr. Yoshiaki. ONISHI (Deputy Director, BMRI), Dr. Sunil KAUL (Chief Senior Researcher and Coordinator of DAILAB) and 5 other senior researchers from AIST, Japan. Dr. Yuji NISHIKAWA (JST, India office) and Dr. Hiroshi YOSHINO (Tokyo University Office, India) also joined the events. Dr. Dural SUNDAR (Coordinator of SISTER-DAILAB@IIT-Delhi) was also present and delivered lecture along with other members in the **PIKNIKH** (Platform for Innovating Knowledge to International Know-How) Series XIII organized on the day to celebrate the inauguration of SISTER-DAILAB@Sikkim University.

