

## INDO-JAPAN SAKURA SCIENCE CAFÉ (SUNRISE in CLOUDS) (2021-08-23 to 27)

## Coordinators - R. WADHWA, S. KAUL and C. NAKAMURA

23-Aug					
Time (JST)	Speaker	Affiliation	Title		
15:00~15:05	Dr. Renu WADHWA	AIST, Japan	Opening - Introduction of AIST and DAILAB		
15:05~15:10	Prof. Durai SUNDAR	IIT-Delhi, India	DAICENTER - Vision and mission (India Perspective)		
15:10~15:15	Dr. Yoshiro OHMIYA	AIST, Japan	DAICENTER - Vision and mission (Japan Perspective)		
15:15~15:25	Dr. Usha DIXIT	Counsellor (S&T), Embassy of India, Tokyo	INDO-JAPAN S&T Partnership - Where we are and what next?		
15:25~15:30	Dr. Chikasi NAKAMURA	AIST, Japan	Introduction of the Society of Biotechnology (Japan) and Speakers		
15:30~16:30	Prof. Masahiro TAKAGI	JAIST, Japan	Membrane dynamics and cell signal transduction		
16:30~17:30	Prof. Katsutoshi HORI	Nagoya University, Japan	Biocontrol for waste treatment using powerful fats and oils-degrading microorganisms		
17:30~18:30	Prof. Tomoko YOSHINO	Tokyo Univ. Agric. & Technol., Japan	Microfluidic platform for single cell genetic analysis of rare cells		
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18:30~19:00 Q&A Discussion Forum/Young researchers comments or networking presentations (IIT-D; Prof. Durai SUNDAR - Brief introduction of IIT-Delhi and research work in Sundar Lab)

### 24-Aug

C C					
Time (JST)	Speaker	Affiliation	Title		
15:30~16:30	Prof. Tamotsu ZAKO	Ehime University, Japan	Molecular detection using functionalized gold nanoparticles		
16:30~17:30	Prof. Yutaka TAMARU	Mie University, Japan	Biotechnology for biorefinery		
17:30~18:30	Prof. Noriho KAMIYA	Kyushu University, Japan	Design of bioconjugates that function at biointerface		
Lana and the second	Ok A Discussion Forum / Young researchers comments or networking presentations (IIIT-D: Dr. Jaspreet DHANIAL - Brief introduction of IIIT-Delhi and research work				

18:30~19:00 Dhanjal Lab)

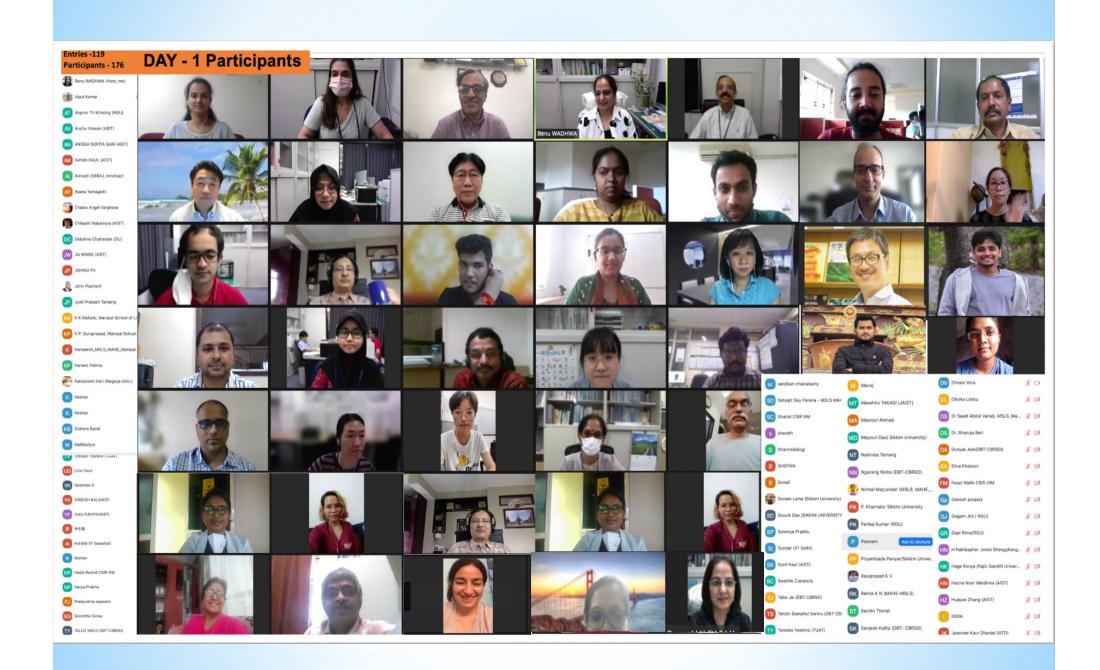
### 25-Aug

Time (JST)	Speaker	Affiliation	Title		
15:30~16:30	Prof. Hirohiko Niioka	Osaka University Japan	Improvement of optical biomedical imaging: Performance with deep learning		
16:30~17:30	Prof. Mitsuo UMETSU	Tohoku University, japan	Protein engineering based on molecular evolution		
17:30~18:30	Prof. Hiroyuki TAKEI	Toyo University, Japan	Surface-enhanced raman spectroscopy applied to life sciences		
18:30~19:00	Q&A Discussion Forum/young researchers viewpoint or networking presentation (Sikkim University; Prof. Jyoti TAMANG - Brief introduction of Sikkim University and				

research work in Tamang Lab)

26-Aug					
Time (JST)	Speaker	Affiliation	Title		
15:30~16:30	Prof. D. Sakthi KUMAR	Toyo University, Japan	Nanomaterials for bioimaging and theragnostic applications.		
16:30-17:30	Prof. Alok SINGH	NIMS, Japan	Exotic structures and microstructures in metallic alloys		
17:30~18:30	Dr. Hemanth NOOTHALAPATI	Shimane University, Japan	Raman microspectroscopy: From label-free single cell imaging to disease diagnostics		
18:30~19:00	Q&A Discussion Forum/Students	viewpoint. Brief introduction of Ma	nipal University - Prof. K. Satyamoorthy and student opinion on participation in DAILAB activities.		

#### 27-Aug Time (JST) Affiliation Title Speaker Prof. Ken-ichiro TODOROKI 15:30~16:30 University of Shizuoka, Japan Bioanalytical methods for therapeutic monoclonal antibodies 16:30~17:30 Prof. Tetsuro ISHII University of Tsukuba, Japan Glutathione and the development of redox biology in Tsukuba 17:30~18:30 Prof. Satoshi FUJITA AIST, Japan Advanced cellular analytical technologies through fusion of photonics and nanodevices Q&A Discussion Forum/Young researchers comments or presentations - Prof. Ajai K.B. KUNNUMAKKARA - Brief introduction of IIT-Guwahati and research work in Ajai 18:30~19:00 Lab, and Concluding Remarks by Dr. Shanuja BERI, Kalindi College-University of Delhi







#### **DAY - 4 Participants** Participants - 133

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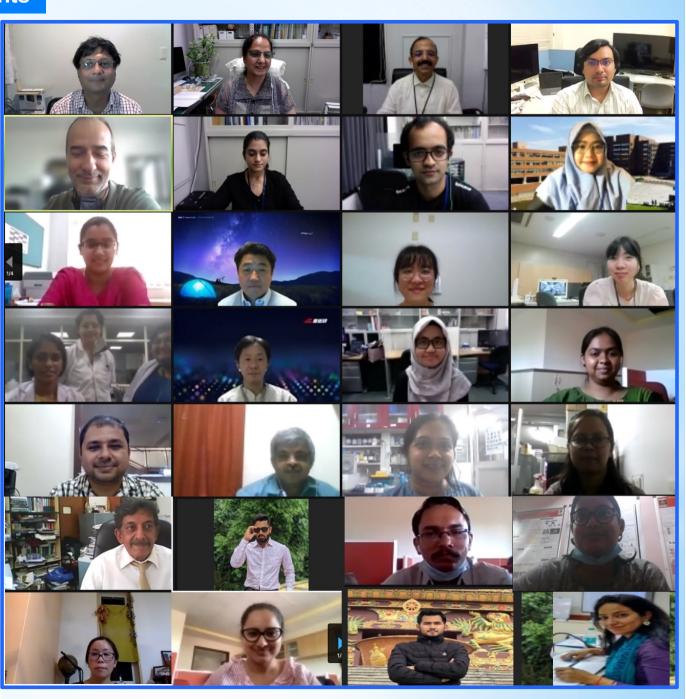
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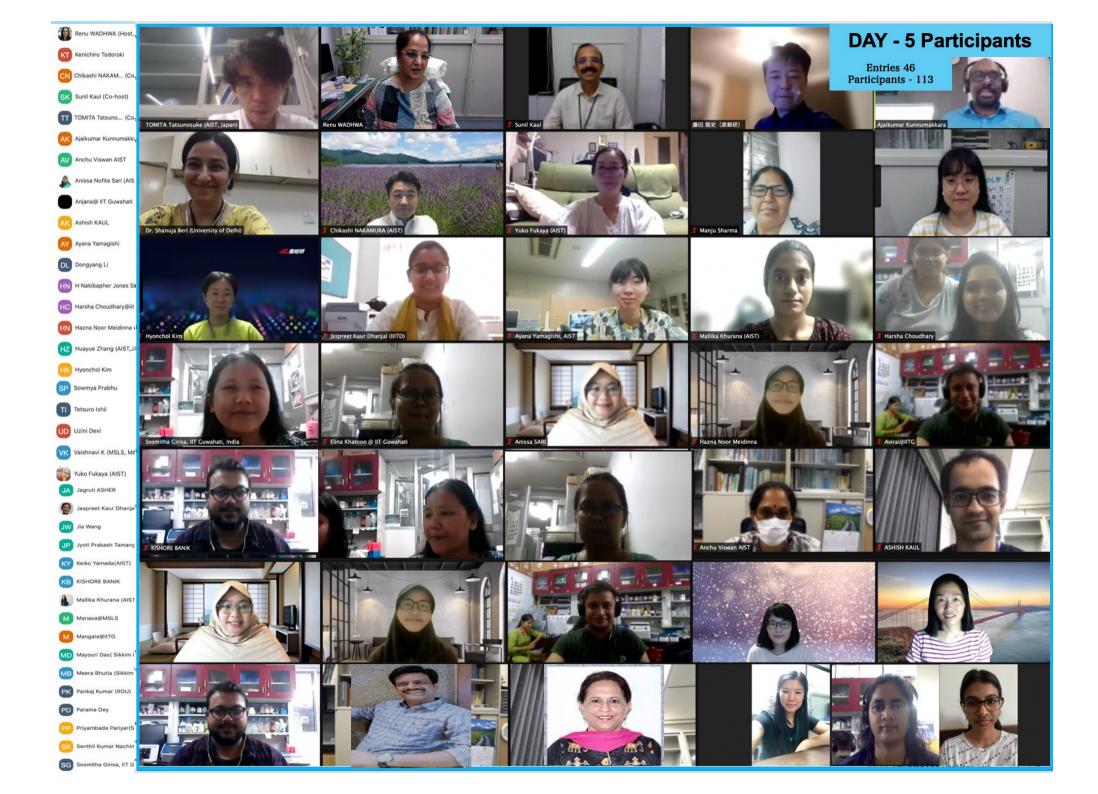
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Entries 80





# **General Remarks**

- Excellent spectrum of tasks showcasing the recent technologies in biosci & bioeng.
- Excellent selection of speakers.
- Educational for graduate students and research scholars, and inspirational for them to go to Japan for higher studies.
- Presentation technique of Japanese speakers and their time-keeping was highly appraised.
- Organization of the tasks was excellent for the level of student's and researcher's understanding.
- Every talk highlighted some application and innovation- some thing to learn from Japanese scientists!
- Introduction of the institutions was very useful for future networking and exchange.
- Introduction of the Indian institutions and research contents/outcomes in Interactive QA sessions was very good idea and extremly useful.
- Expected to be most productive in terms of education as well as future networking.