



Department of Biotechnology
Ministry of Science and Technology
Government of India
DBT



National Institute of
Advanced Industrial Science
and Technology
AIST



DBT - AIST International Laboratory for Advanced Biomedicine



DAILAB

Classroom for Advanced & Frontier Education CAFE

DAiLAB-CAFE

Series - 39

Date and Time: June 17, 2019 (4:10 JST)

Venue: Central 5-41 2F (Meeting Room #1)

Speaker: **D. Sundar**

Affiliation: Indian Institute of Technology (IIT) Delhi

E-mail: sundar@dbeb.iitd.ac.in



Title: The foundations of Synthetic Biology

Research pursuits in biology have been undertaken so far by different approaches including - (a) reductionism (b) high-throughput data integration & modeling and (c) synthetic biology. The third approach of Synthetic Biology is recent that aims at a rational design and construction of biological components leading to useful applications. This Café talk will introduce the principles, methods, applications and provide an idea of what does it take to boot up a cell from rationally designed parts, devices and circuits.



Series 38 and 39

Speaker 1:

Y. Mitani

Topic: Luminous animals
from fields to the Lab

Speaker 2:

D. Sundar

Topic: The foundations of
Synthetic Biology

Date: June 17, 2019
(15:30-17:30 hours JST)

Host: AIST Tsukuba,
Japan

Thanks for participation !



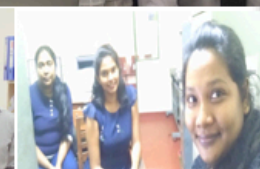
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