

iCeMS

#6

LEARNING LOUNGE

March 31, 2016 2pm

Kyoto University iCeMS
Main Building 2F Seminar Room

Right at the "Kyodai Seimon-Mae" city bus stop
on the northwest corner of the Higashi-Ichijo intersection

No registration required
(iCeMS members register via lab)

Language
Presentations: English
Q&A: English and Japanese



Why Our Science Matters

The "Learning Lounge" features young scientists who, in 20 minutes deliver a presentation that will persuade any curious listener, even those without a scientific background, why their research area—not just the personal research of the speaker—is important to the world.



Sticky Moments in Biology

Cells are the basic building blocks within our body, and they are bound together with a kind of 'glue'. When this glue disappears, tissue is destroyed, and serious illness, such as cancer metastasis, occurs. Knowing stickiness may help to recognize which cells are most likely to be healthy or not. I will introduce our physical techniques to directly measure 'stickiness' that allows us to characterize them.

Protecting Your DNA Code

The human instruction "manual" is written in a specialized biological code commonly referred to as "DNA". If the DNA is damaged then parts of the code can be lost or misinterpreted which is likely to result in diseases. DNA can be damaged by sources external to the body, but is more commonly damaged by internal "everyday" biological processes. I will discuss our research that investigates how DNA damaged is repaired.



Event web page:
tiny.cc/ll6



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