

Department of Polymeric and Organic Materials Engineering
Nagamine laboratory

Development of the chemical sensors
collaborated with Sekine, Furusawa,
and Matsui Lab.

- No basic knowledge required
- Interest and motivation for our research are required

Overview of Nagamine Lab.'s research

Development of the electric devices
for the measurement / regulation of physiological activity
by means of integration “Bio” and “organic electronics”

① Sweat sensor

Hydrogel touchpad

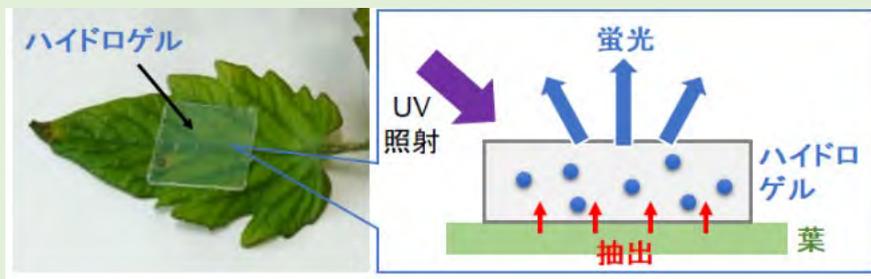
Wearable



② Saliva sensor

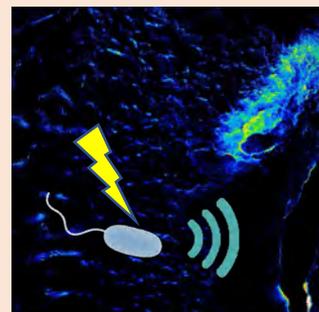


③ Sensors for plant

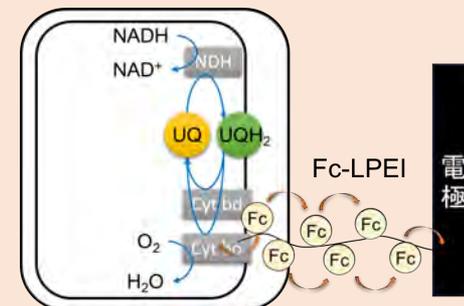


Non-destructive detection of the
shemical components in a leaf

④ Regulation/measurement of bacterial communication



Electric stimulation



Electrochemical
measurement

Project researcher: 1

Research supporter: 1

M2: 4 students

M1: 7 students

B4: 5 students

Contact us

Lab Tour is always welcome.
Please email me in advance.

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Building No.11, 3-304

We are looking forward to seeing you!