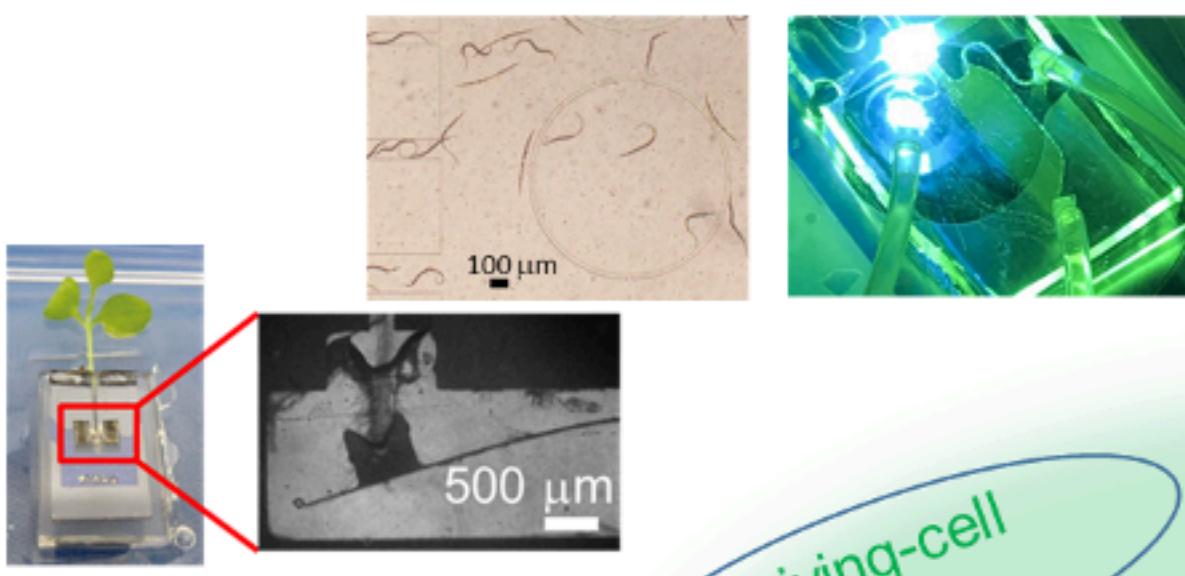
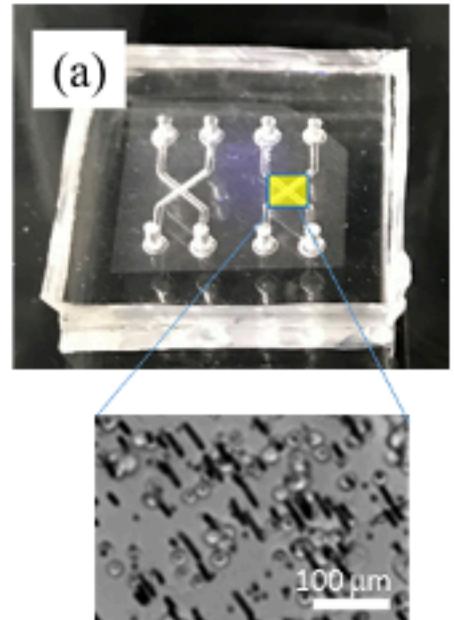
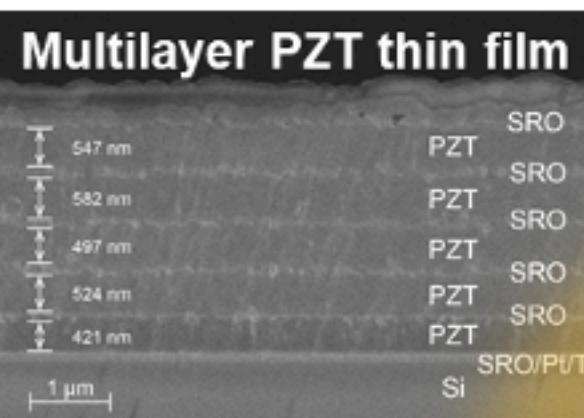


MA-2: Sensing Device Laboratory

Membrane potential measurement device



Physiological analysis of plant/microbe

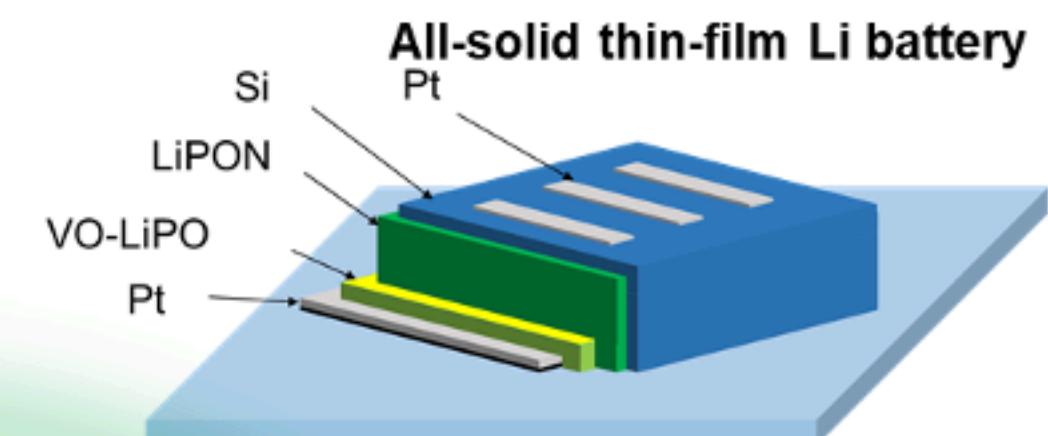


3-target RF sputtering



Functional thin films

Sputtering deposition
Crystal structure analysis
Microfabrication
Metrology
Device design



IoT

Sensors Actuators

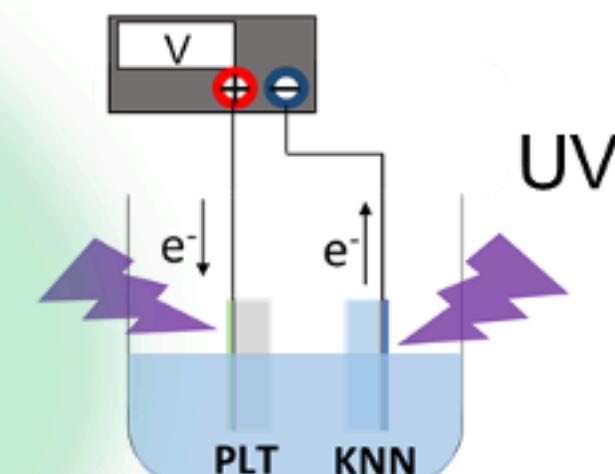
Plant sensing

Energy harvesting

Piezo-MEMS
Ferroelectric thin films

Photo catalyst

All-solid Li thin-film batteries



Ferroelectric thin-film photocatalyst

Piezoelectric thin-film energy harvester

