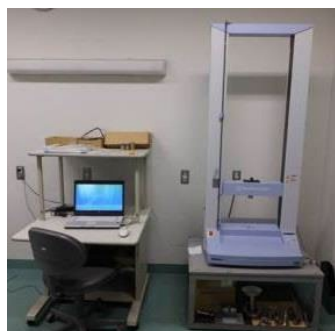
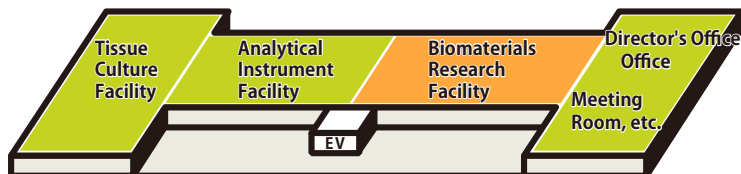


Biomaterials Research Facility

Building 3
2nd Floor

The facility has equipment to study the physical properties of materials. A universal testing machine, Servo Pulsar, and multiple microplate reader are installed.



Universal testing machine Autograph AGS-X (SHIMADZU)

Device to measure compressive strength, tensile strength, shear strength of experimental samples



Servo Pulsar EHF-F1 (SHIMADZU)

Device to investigate mechanical properties such as tensile strength, bending, fatigue, creep, and destructive elasticity by applying load to samples such as uniaxial tensile strength, compression, and repetition



Multi-microplate reader SpectraMax Plus

Capable of detecting visible to ultraviolet absorption, fluorescence intensity, fluorescence polarization, time-resolved fluorescence and luminescence. It is used for DNA/RNA/protein assay and purity test, cytotoxicity test, etc.