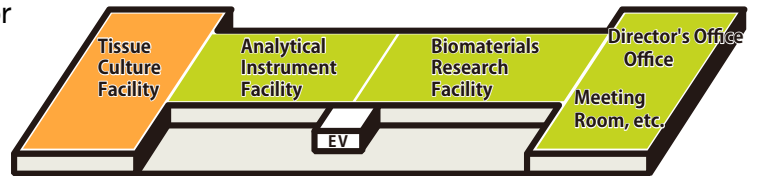


Tissue Culture Facility

Building 3
2nd Floor

The facility is equipped with equipment mainly for cell culture. There are 3 clean benches and 13 CO₂ incubators, which are mainly used for cultivation of human/animal-derived cells. Instruments for analysis are also installed such as an inverted phase contrast microscope for observation of cultured cells, a photographing device for observation of cells, and a confocal laser microscope.



Clean bench (DALTON)

Equipment to prevent contamination of dust and environmental microorganisms and perform aseptic technique during cell culture



CO₂ Incubator (YAMATO)

Device that adjusts the internal temperature and CO₂ temperature for cell culture



Confocal laser scanning microscope LSM 700 2ch UGRB (Carl Zeiss)

Three-dimensional images can be created by a combination of fluorescence measurements and optical sectioning of specimens in a confocal fashion with a laser beam