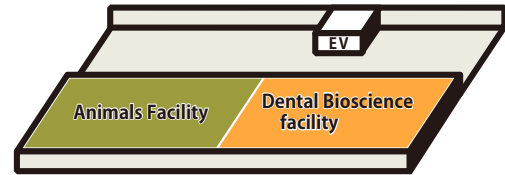


It is equipped with a gene introduction device, nucleic acid extraction device, Sanger sequencer, 454 GS Junior System (the next generation sequencer), etc. to conduct basic dental medicine research, mainly genetic analysis. A cell sorter to analyze gene expression and to examine the relationship with functional differentiation of cells is installed in the analytical equipment facility.



## **Sequence system GSjunior (Roche Diagnostics)**

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A bench-top size sequencer that enables analysis of bacterial genome in Bioscience and in gene polymorphism/expression analysis.



## **Spiral plater EDDY JET2 (IUL)**

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Automatic plater capable of sucking a sample to a spiral smear on an agar plate by using a dedicated disposable microsyringe.



## **High-speed cooling centrifuge himac CR22G (HITACHI)**

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High-speed cooling centrifuge capable of using from 15 mL of conical tube to 1.5 L dedicated bottle by replacing rotors.