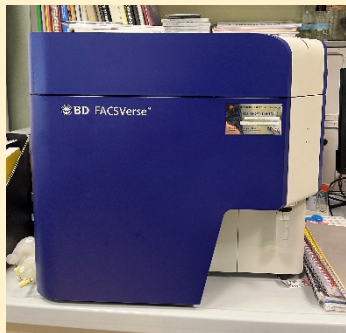


FUNCTIONAL AREA OF MICROBIAL ECOLOGY

Functional Area Manager: Anna Chiara Trano

The Functional Area of **Microbial Ecology** is a space currently organized into 3 rooms and is equipped with different instruments useful for the study and analysis of marine microorganisms. Listed below are the current instrumentation in room #42-43 that can be reserved on the LabAgenda website.

Instrumentation	Description	
Flow cytometry FACSVerse	Flow cytometry BD FACSVerse, allows counting and characterization of cells in suspension.	
Flow cytometry BD ACCURI equipped with the onCyt	Flow cytometry BD Accuri C6 Plus equipped with an onCyt module for automated sampling, staining, and FCM analysis.	
Fourier-Transformed Infrared Spectroscopy (FTIR)	FTIR SISTEMA NICOLET IS20 E IN5 spectrophotometer equipped with a microscope.	

<p>Ultrasonic cleaner</p>	<p>Ultrasonic cleaner JSP- US21</p>	 <p>A blue rectangular ultrasonic cleaner with a control panel on the front. The panel features three digital displays showing '00', '00', and '00'. Below the displays are several buttons and a red emergency stop button. The brand name 'JSP' and 'Ultrasonic Cleaner' are printed on the panel.</p>
<p>Vortex</p>	<p>Vortex Heidolph REAX 2000</p>	 <p>A white, box-shaped vortex mixer with a black mixing head on top. The front panel has a control knob and a power switch. The brand name 'Heidolph' and model 'REAX 2000' are visible on the front.</p>
<p>Precision scale</p>	<p>Precision scale Kern 440-21N Capacity: 40 g Resolution: 0,001 g</p>	 <p>A white precision scale with a stainless steel weighing pan on top. The front panel features a digital display and several buttons labeled 'ON/OFF', 'PRINT', 'TARE', 'CAL', and 'MODE'. The brand name 'KERN' is printed on the left side of the panel.</p>