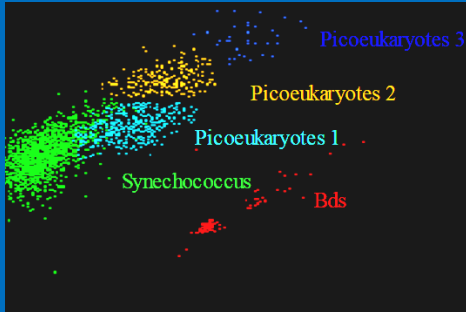


Functional Area Microbial Ecology




Flow cytometry



The Flow Cytometry laboratory is equipped for the detection, counting and characterization of suspended microorganisms based on optical properties (scatter and fluorescence). Preparative and ancillary sampling (filtrations, dissection, etc.) is also performed here.

First Floor - WEST wing, #111

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Bookable instruments	Description	
FACScalibur cytometer BD BioSciences	The BD BioSciences FACScalibur flow cytometer allows users to perform cell analysis based on optical properties. It requires a trained operator.	
Accuri C6 cytometer with onCyt module	Fully automated online flow cytometry system containing a BD BioSciences Accuri C6 flow cytometer (red-white) coupled to the automated, programmable staining prototypal module developed by Eawag (blue). It is used on board RV to provide an online continuous characterization and counting of heterotrophic prokaryotes. It requires a trained operator.	
CytoSense benchtop cytometer	CytoSense provides exceptional combinations of particle scanning and imaging in one instrument. It is used on board RV to provide an on-line continuous characterization and counting of phytoplankton. It requires a trained operator. A submersible version is available in the RIMAR Department.	

All pictures shown are for illustration purpose only. Actual instruments may differ.