




PLANKTON ECOLOGY

Plankton Ecology Manager: Carmen Minucci

PLANKTON CULTURES ROOM #148

The Cultures Room #148, located at the first floor (East wing) North Exposure at the SZN centre in Naples, is devoted to living phytoplankton observation and single cell isolation, establishing new algal cultures, their maintenance and sterile manipulation. Phytoplankton and zooplankton cultures maintenance, where the Culture Room Temperature is kept at 20 °C.

The equipment in the Room #148 are listed below and bookable [here](#).

Bookable intruments	Description	
Laminar Flow Hood	<p>BIOAIR SAFEMATE Vision 1.2 Laminar Flow Hood.</p> <p>This hood is devoted to sterile manipulation of plankton cultures.</p>	
Microscope	<p>LEICA Inverted Microscope #3 with monitor.</p> <p>This instrument allows plankton sample observations directly in Petri Dishes (diameter 5 cm and 10 cm), in Multiwell plates and in flasks and phytoplankton single cell isolation directly from Petri Dishes or Multiwell plates. Objectives 5x, 10x e 20x.</p>	
Microscope	<p>LEICA Inverted Microscope #2</p> <p>This instrument allows plankton sample observations directly in Petri Dishes (diameter 5 cm and 10 cm), in Multiwell plates and in flasks and phytoplankton single cell isolation directly from Petri Dishes or Multiwell plates. Objectives 5x, 10x e 20x.</p>	

Maintenance Cultures Shelves

Natural light illuminated Shelves (North exposure) with support of horizontal LED lights for the maintenance of phytoplankton and zooplankton cultures.

