

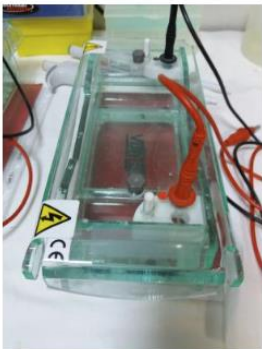





Molecular Ecology Area

Molecular Ecology Area: Camilla Borgonuovo

The **Molecular Ecology** area is a space currently organized in 4 rooms at the Naples centre. The area allows users to process samples for nucleic acid isolation and subsequent analyses such as PCR, sequencing and gene expression studies. The equipment in the room #146, bookable [here](#), are listed below.

Bookable instruments	Description	
Chemical hood with Refrigerated Centrifuge	<p>This hood with centrifuge (HERMLE Z 216 MK) is dedicated for purification of nucleic acids. The reservation of the hood, for safety reasons, automatically binds the use of the centrifuge and vice versa. The ethidium bromide is forbidden.</p>	
Refrigerated Centrifuge EPPENDORF 5417C	<p>This centrifuge has 24 slots for 1.5/2ml tubes. It is positioned on bench 5. To use it book bench 5.</p>	
Gel Electrophoresis System	<p>Gel Electrophoresis System is available for running nucleic acids, PCR products, etc. The system is placed on the bench set up to prepare gels, carry out the electrophoretic run and visualize the gel on a blue light transilluminator (LED). The ethidium bromide is forbidden.</p>	
Thermostatic water bath	<p>To incubate the samples contained in 1.5/2/15/25 ml tubes.</p>	

<p>Thermoblock</p>	<p>To incubate samples contained in 1.5/2 ml tubes.</p>	
<p>MixMate</p>	<p>Mixer for plates and tubes; there are holders for 1.5/2ml, 0.5ml and 0.2ml tubes and it is also possible to mix 96-well or 384-well PCR plates.</p>	
<p>Shaking Water Baths</p>	<p>To incubate in water and shake big volume samples.</p>	