



DiBio
DIPARTIMENTO DI BIOLOGIA

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Facility “Hydrobiological Station Umberto D’Ancona” – Lab Services

Location: Hydrobiological Station “Umberto D’Ancona”, Isola di San Domenico – Chioggia

Opening hours: from Mondays to Fridays, from 09:00 to 17:30

Scientific Coordinator: Prof. Laura Airoidi

Lab Manager: Dr. Mattia Panin

Contacts:

- **E-mail:** stazione.idrobiologica@unipd.it
- **Phone:** +39 049 8278921
- **Direct contact:** Technical Office, 1° floor of Hydrobiological Station, Isola di San Domenico 3, Chioggia

Guidelines

All instruments and devices at the facility can be used only after booking via e-mail, at least with a 24-h notice, to stazione.idrobiologica@unipd.it. Requests should include relevant details (e.g. number and type of samples to be analysed) and you must wait for a positive reply before proceeding. For the instruments in “Group A” it is also compulsory to book online through the Department Booking System. Log in using your credentials at this link: https://service.biologia.unipd.it/gestione_dipartimento/login. When booking include the user’s full name, and the relevant funding source for cost allocation in the field labeled “Utilizzatore”. For “Group B” instruments there will be a dedicated Excel calendar shared on Google Drive among authorized users. For “Group C” instruments and the ovens of “Group B”, for which no fee is requested, availability will be viewable on a dedicated Google Calendar, subject to authorization.

Group A:

- “FlashSmart” CHNS/O analyser
- “LS 13320XR” laser diffraction grain size analyser
- “Multisizer 4e” Coulter counter
- “DIVING-PAM-II” underwater fluorometer
- “Zenith16” GNSS system
- “HI98194” e “HI9829” multiparametric probes
- Refrigerated centrifuges “Centric MF 48-R” e “MicroCL 17R”
- “DM2000” (Leica) optical microscope with epifluorescence

Group B:

Direttore del Dipartimento: prof. Luigi Bubacco, Responsabile Sede esterna di Chioggia: Prof.ssa Laura Airoidi
Responsabile del procedimento amministrativo: dott. Simone Canesso tel.049.8276176 e-mail simone.canesso@unipd.it
Riferimento da contattare: tel.049.8276178 e-mail direzione.biologia@unipd.it

- “FTF-220” growth chamber
- “TCN 50” oven (Tmax: 300° C), 2 Binder FD-series ovens (Tmax: 100° C), “ICN 120” incubator (Tmax: 70° C)
- Aquariums

Group C:

- “LYOQUEST-55” freeze-dryer
- “UV-1900i” (Shimadzu) spectrophotometer
- Vacuum pump filtration system
- Optical and stereomicroscopes, with and without “LAS X” (Leica) image analysis software

The independent use of the instruments may be allowed upon a specific training session (or alternatively following a proper number of analyses under the supervision of the technician), that has to be arranged in agreement with the lab manager, writing to the address stazione.idrobiologica@unipd.it; in the case of FlashSmart, Multisizer 4e and LS 13320XR, a positive evaluation of the training is upon discretion of the lab manager. After each training session, users must read and sign a training report, that includes specific guidelines for each instrument. The Facility is accessible from Mondays to Fridays, from 9:00 to 17.30. Users who need to access the labs out of working hours or during weekends/holidays must be previously authorized by the lab manager or by the scientific coordinator.

If a booking is not cancelled with a minimum 24-hour notice, 50% of the cost of the analyses will be charged. Bookings might be cancelled at any time by the personnel if maintenance or repairs are needed, with adequate notice provided. The logbooks on the Department booking system (Groups A) or on Google Drive (Group B) will be used to calculate the charges on a 6-month basis. Users must report any malfunctioning or damages occurred before, during or after the use to the technical staff. It is forbidden to operate on the instrument or on the power supply autonomously. Any damage caused during use will be responsibility of the user and their research group.

Publications

Every data gathered through the instrument of this Facility and included in published papers must be acknowledged with the following (or similar) sentence: “We acknowledge DiBio Chioggia Facility - Lab Services, Biology Department, University of Padova- for the support in the acquisition and analysis of the data”