

Core Facilities IRBIO: "just" equipment?



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The Department of Computational and integrative Biology (CIBIO), founded in 2007, is a cutting-edge and top-ranked academic biomedicine institute within UNITN, organized as a hybrid research center/university department. CIBIO provides a high level of research services through Core Facilities (IRBIO) operated by highly skilled staff scientists. The efficient and reliable service in the core facility results from close collaboration with the research groups. The sustainability and organization strongly leverage the active involvement of the innovation office and the administrative staff.







Between 2018 and 2020, IRBIO was updated thanks to 7 million € in funding from European Regional Development Fund (FESR) and was

mapped in the list of Italian Research Infrastructures (PNIR 2017-2023). In 2023, CIBIO was recognized as "Department of Excellence" by the Italian Ministry of University and Research. IRBIO plays the role of ambassadors of the excellence of CIBIO research, providing integrated services that exploit the technological and scientific diversity of CIBIO and act as innovation hubs, facilitating the interaction between the researchers and the external partners. IRBIO CF staff is actively involved in several initiatives at the local, national and international level, assuming a crucial role within the organization.



Management and administration

IRBIO CF staff is managed by a coordinator and supported by dedicated administrative staff within the Research Management Division. An electronic booking system and a full cost accounting system is shared by all the CFs. Since 2018, the methodology for the calculation of the applied rates has been certified by an external auditor.



The users of IRBIO CFs are requested to abide by a series of General and specific access rules.

Periodic **surveys** provide valuable feedback to core managers from their client based about expectations and perceptions of the quality of the offered services.



Education and Training

IRBIO CFs organize a series of internal seminars focused on **practicalities** and techniques involved in their fields of expertise.

The aim is to engage with new and potential users and to update the existing ones with the latest applications.



As coordinator of the **InnoCore project**, the CIBIO's Core Facilities contribute to the theoretical and practical part of courses in advanced technologies in Life sciences.

- Advanced Imaging
- Genomics Technologies Proteomics and protein charachterization
- High Throughput Screening



A certification of the competences acquired within the InnoCore educational programs is issued with an Open Digital Badge.



InnoCore Challenge is an innovative education practice where biotech and pharma companies address students with real technological issues. The teams are supported by core facilities staff and innovation experts

Outreach and Networking

OUTREACH ACTIVITIES

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Core Facilities at CIBIO are the place-to-visit for institution, sponsor and patient associations.

CIBIO OPEN DAYs Students are periodically guided around the labs to directly show them the lab activities.



BIO FACILITY DAYs

Starting from 2015, IRBIO Core facilities periodically organized events aimed to open potential collaborations between academic research and industries. Dedicated to scientists and facility staff from academia, industries and clinics.



INNOCORE DAYs

In the frame of the InnoCore project, the University of Trento hosted the InnoCore Day on Genomics and Drug Discovery in June 2022. This event was part of a series of conferences aimed at presenting to the academic and industrial scientific community the importance of Core Facilities in modern Life Science, not only from a scientific and technological point of view, but also in education and innovation.



CIBIO CoreFacilities CIBIO CoreFacilities CIBIO CoreFacili CIBIO facilities CORE TECHNOLOGIES IRBIO's CF staff is actively involved in the activities of 18 NOVEMBRE 2021 15:00 - 17:00 the **CTLS 3º MEETING ITALIANO DELLE CORE FACILITIES** association. Core Facilities al servizio delle scienze della vita: la realtà italiana

UNITRENTO

CEITEC Masaryk University Universidade de Coimbra

InnoCore SPECIALIST

innoCore

IRBIO promoted the webinar series **ITALIAN MEETING OF THE CORE** FACILITIES from May 2021 to November 2021

IRBIO is part of the **RITRAIN+** project that brings together, for the first time EU Universities, RIs and CFs, aiming at empowering the human capital of RI and CF staff





IRBIO hosted the NICo KICK-OFF MEETING