Barcelona Science Park, the dynamic ecosystem for research and innovation
The Barcelona Science Park (PCB) drives research, knowledge transfer and innovation through smart management of spaces, services and relationships. Our aim is to dynamize the PCB Community —more than 2,700 researchers, entrepreneurs and business leaders, especially in the life sciences— to turn ideas into innovations.

Created in 1997 by the University of Barcelona, the PCB has more than 30,000 square meters of offices and laboratories, plus a wide range of scientific and technological services designed especially to facilitate R&D in the health and life sciences. The PCB’s offering, flexible and modular to meet clients’ needs, allows us to accompany businesses as they grow and develop. We have a diversified catalog of spaces that range from co-working rooms (offices) and shared laboratories, perfect for entrepreneurs and companies just getting started, to R&D laboratories that can adapt to the needs of large pharmaceutical or medical technology companies.

Our scientific services also adapt to demand, ranging from self-service access to basic technology through custom projects conducted by the PCB platforms, research centers and UB services at the Park.

This setting also features an ideal space for specialized scientific and non-scientific services companies —bioinformatics and information technology, patents and intellectual property management, business development, investment funds, training, etc.— and companies from a variety of sectors, including chemicals, cosmetics and the environment.

The PCB offers an environment that promotes interaction and collaboration among the top-notch research bodies and companies it houses. To dynamize the PCB Community and connect it with the national and international innovation ecosystem, the Park organizes an extensive program of activities (seminars, conferences, networking sessions, informal meetings, etc.) and has created common spaces in all of its buildings to help generate synergies, boost cooperation and identify business opportunities.
The Barcelona Science Park brings together more than 60 companies (on-site and associated), large research centers, 13 units and scientific services of the University of Barcelona and fifteen non-profit organizations: a dynamic, innovative community of around 100 organizations and 2,700 professionals.

**Hosted entities**

**Companies**

- AELIX
- Alamos Consulting
- Althea
- Aromics
- Avinent
- Ayx Pharma
- Baula
- Bicosome
- Bionure
- BioSeed Capital
- Cebiobex
- Chemontargets
- Cytes
- Dan’nd
- Damlab
- BioLab
- Embryotools
- Enantia
- Enzidai
- ERA
- Estee
- Eugen
- Fenyx Group
- Funbrain
- Gain Therapeutics
- Gsclab
- H2lab
- H2otop
- H2otop
- Iproteos
- Ordesa
- Tars
- LeanBio
- Medical One
- Genetec
- Greenalpha
- Idc Pharma
- Cepsa
- Initec
- Iproteos
- Molomics
- Mosaic
- Nbs
- Nbt
- Otc
- Oncokids Biosciences
- Pharma
- Pharmaphenix
- Protocel
- GIACEN
- Senolytx
- Sitec
- Som
- Syna Therapeutics
- Xenopat
- Xomed

**R&D centres**

- CNAG
- GRP
- IRB
- IBEC
- IBMB
- ICCUB

**Non-profit organizations**

- ACER
- Biocat
- Choiologics
- Citi Health
- EIT Health
- Fundació La Caixa
- Ibea
- La Caixa Foundation
- LEITAT
- Lleida University
- DTI

**University of Barcelona groups, units and services**

- Microbial Biotechnology and host-pathogen interaction
- Macrophage Biology Group
- Patents Center
- Research Group on Marine Geosciences
- Translational Immunology Group

**Associated entities**

- Arian International
- AsDerCo
- BSG
- Bruker
- Funseam
- Recipharm
- Uquifa
Spaces

The Barcelona Science Park has nearly 60,000 square meters of floor space, divided into laboratories (21,727 sqm), offices (9,121 sqm), scientific services (6,457 sqm) and general services and infrastructure (22,418 sqm).

The spaces on offer, flexible and modular, adapt to the needs of a wide variety of institutions and businesses and their different stages of development. Entrepreneurs and spin-offs will find the ideal space to kick off their activities in the shared laboratories.

The offices—located in Torres R+D+I—are equipped with voice and data network, climate control and furniture and can be fit to the size the company needs, from 10 sqm to 300 sqm per floor. The Clúster I, Clúster II and Hèlix buildings are home to the laboratories, in modules of between 50 sqm and 250 sqm.

All of them are ready to start working immediately, and include all the basic facilities (furniture, technical gases, fume hood, etc.). Each laboratory has complementary spaces that can be used as offices for researchers or for culturing an special technology.

By renting laboratories and offices at the PCB, users get access to a series of exclusive services for on-site clients.

The Park also has 17 meeting rooms of various sizes and three events halls: Auditori Antoni Caparrós, Sala Dolors Aleu and Aula Fèlix Serratosa. Plus, we offer open spaces for the PCB Community, like the Park Garden and rest and meeting areas. Complementary services include Restaurant Fifteen and a public-access underground parking garage with more than 500 spaces.

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Facilities ready to host equipment in chemistry and biology, with power, climate control, technical gases, laboratory furniture and voice and data network. The PCB offers shared and exclusive laboratories, as well as unfurnished laboratory spaces that can be fitted out to the specific requirements of any organization.

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Services

One of the points that sets the Barcelona Science Park apart from other facilities is its wide range of scientific and technological services, geared towards both on-site clients and external research groups from here and abroad. This offering is complemented with a series of professional and general services, exclusively for on-site companies and institutions, and a program to dynamize the PCB Community that seeks to boost interaction among members and the innovation ecosystem.

General services

- Reception
- Courier and post
- Voice and data network
- 24-hour security
- Cleaning
- Maintenance and repairs
- Rental and laundry of laboratory clothes
- Changing rooms
- Supply and management of technical gases
- Reception and delivery of goods
- Waste management
- Workplace health and safety

Professional services

Construction and remodeling
Architectural design and project, site and construction management for any work required to adapt the PCB spaces to the client's needs.

Press and communication office
Guidance in communication and media campaigns for organizations at the Park.

Dynamization activities
The PCB promotes a program of 20-25 activities per year—networking events, conferences, panel discussions, training workshops, delegations to fairs, leisure activities, etc.—that aim to promote interaction and collaboration among members of the PCB Community and key stakeholders in the national and international innovation ecosystem. Plus, the Park hosts around 300 events each year (seminars, conferences, congresses, courses, etc.) held by on-site and external organizations, most of which are open to the Community.

Scientific and technological services

Exclusively for on-site companies and organizations

On-site clients of the PCB are part of a pass system, that gives them the following benefits: self-service access and set rates by volume of use, to our package of Core Scientific Services (SCS), listed below. The pass system also gives access to the Radioactivity Facility, Drosophila service, Shared Chemistry Room and Special Reaction Service (open to external clients).

Core Scientific Services

- Cell culture rooms
- High-speed centrifuges and ultracentrifuges
- Spectroscopy equipment
- Histology equipment
- Microscopes
- Refrigerators
- Protein purification service
- Storage in liquid nitrogen
- Dark rooms
- Climate chamber set at 37º C
- Cold storage rooms
- Material cleaning and purification service
- Voice and data network
- Courier and post
- Waste management
- Workplace health and safety

Scientific services on offer from research centers at the PCB

University of Barcelona Science and Technology Centers (CCIT-UB)
The CCIT-UB provide analysis services, develop methodology and provide technological guidance in chemistry, materials and biosciences. At the PCB, they have the following platforms:

- Genomics
- Bioinformatics
- Nuclear Magnetic Resonance
- Polymorphism and Calorimetry
- Cytometry
- Genomics
- Analysis of Molecular Interactions
- Electron Cryo-Microscopy
- Separative Techniques

Centre Nacional d’Anàlisi Genòmica (CNAG)
The CNAG offers a wide range of applications, including full de novo genome sequencing, full genome re-sequencing, re-sequencing of specific regions, mRNA or micro RNA sequencing (RNAseq), locating interactions with DNA and RNA (CHPseq), exome sequencing and validating genetic variants.

Institute for Research in Biomedicine (IRB Barcelona)
The biomedical research carried out by groups at IRB Barcelona is supported by a broad network of scientific services that provide advanced technology and platforms for research, including:

- Advanced Digital Microscopy
- Bioinformatics
- Functional Genomics
- Histology Service
- Protein Expression

Institute for Bioengineering of Catalonia (IBEC)
Through its Nanotechnology Platform, the IBEC provides neuroscience and nanotechnology services for industrial and academic researchers. It has a class-10,000 cleanroom with scientific/technical equipment to manufacture and profile structures ranging in size from millimeters to several nanometers.

Molecular Biology Institute of Barcelona (IBMB-CSIC)
The IBMB makes its services and facilities available to academic and industry researchers. The facilities are fully equipped with state-of-the-art equipment and led by highly specialized personnel. The services and facilities available are:

- Protein Purification Service
- Animal Room for Antibody Production
- X-ray Crystallography Platform
- Advanced Fluorescence Microscopy

Institute of Cosmos Sciences of the University of Barcelona (ICCUB)
The ICCUB Technology Unit provides services to public institutions and industry. The most outstanding services and equipment that it offers are:

- 3D printing system.
- Electronic instrumentation laboratory.
- PCB assembly laboratory.
- Development of electronic instrumentation.
- Computing.
- Electromagnetic compatibility pre-certification.
- Climate chamber: tests and temperature cycles.
- Drying system and vacuum packaging of electronic systems.