An active community to promote research, knowledge transfer and innovation
Catalunya: Innovation, entrepreneurship and network thinking

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<tr>
<th>DYNAMIC ECONOMY</th>
<th>LIFE SCIENCES AND HEALTH CARE</th>
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<td>Area: 32.106 km²</td>
<td>7,9% of Catalonia's GDP (4,1% industrial subsector and 3,8% health services) (2023)</td>
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<td>Population: 8 milions (2023)</td>
<td>Invoicing: 42.068 M\€ (health services included) (2023)</td>
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<td>GDP: 270.710 M\€ (2022)</td>
<td>264.000 jobs (2023)</td>
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<td>GDP per capita: 34.800 €/year (2022)</td>
<td>It employs 6,5% of the employed population (2023)</td>
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<td>Companies: 642.000 (2022)</td>
<td>91 research institutes and more than 1.400 companies (2023)</td>
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<th>INVESTMENT</th>
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<td>220 M\€ raised in 2023 (52% from venture capital companies)</td>
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Source: Idescat, Biocat, CataloniaBIO & Healthtech
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Snapshot of Startup in the BioRegion (M€) (2019-2023)

Source: InformeBiocat 2023
The BioRegion of Catalunya: Agents of the ecosystem

+1,400 companies

Biotech 353

Pharma 126

Medtech 210

Digital Health 212

Professional Services & Consulting 227

Suppliers 194

Investors 71

91 research institutes

Research Centers 40

University Hospitals 20

Science & Technology Parks 14

Universities 12

Large Infrastructures 3

Technology Centers 2

Source: Informe Biocat 2023
The UB in figures

**Academic offer**
- 16 faculties
- 73 degrees
- 10 affiliated centers
- 172 university master's degrees
- 47 doctoral programs
- 802 continuous training courses (IL3-UB)

**Students and researchers in training**
- 62,252 students:
  - 41,095 degrees
  - 5,523 university master's degrees
  - 10,644 postgraduate
  - 4,990 researchers in training

**R&D**
- 253 M€ research funds raised
- 632 doctoral theses read (provisional data)
- 7,599 scientific publications
- 1,111 active research projects
- 50 projects awarded by the Horizon and Europe 2020 program
- 87 patents applied for
- 737 contracts of the Bosch i Gimpera Foundation

The UB is the only Spanish university that is a member of the League of European Research Universities. Many external international institutions recognize the leadership of the UB and place it in leading positions in the most prestigious rankings: according to the **Academic Ranking of World Universities 2023, the UB is 201st best university in the world.**

The UB is one of the best universities in the world in 35 of the 54 scientific areas analyzed by the **Shanghai Ranking Global Ranking of Academic Subjects 2021.** In 8 of the subjects analyzed, the UB is among the **100 best** in the world and is ranked **45** worldwide in clinical medicine.

Source: La UB en xifres 2023
Diagonal Health Axis: vigorous, proactive, interdisciplinary

Integrates all the elements of a health value chain at the service of people
Barcelona Science Park

- The creation of the PCB was promoted by the University of Barcelona in the early 90s and the park *was founded in 1997.*
- The PCB is a foundation, in its Board of Trustees there are the following institutions:
  - University of Barcelona
  - Generalitat de Catalunya
  - Ayuntamiento de Barcelona
  - Fundació Bosch i Gimpera
  - Consejo Superior de Investigaciones Científicas (CSIC)

**Mission:**
Promote research, knowledge transfer and innovation in the public and private sector, through intelligent management of spaces, the technological offer and the relations and dialogue of the Parc Community.

**Vision:**
To become a public-private research community of international reference for the benefit of the scientific leadership of Catalonia, its economic growth and the attraction of talent.

**Values:**
Communication,
Commitment,
Responsibility,
Passion,
Teamwork
Buildings

The PCB provides users with 33,000 m² of office and laboratory space

Parc Científic de Barcelona

7 buildings
22.311 m² of laboratory spaces
10.942 m² of office space
4.903 m² given over to scientific services
2 restaurants
1 car par
3 outdoor areas
12 meeting rooms
3 conference halls
Laboratories, offices and unique spaces

Laboratories

Offices

Conference and networking spaces

Meeting rooms, courses and seminars
Wide range of scientific services

Self-service-based equipment and facilities

- Common Scientific Services
- Radioactive Facility
- Drosophila
- Freezers and Cryotanks Storage
- Special Reactions

Animal facility

2.600 m² zoological core to offer benchmark services and facilities in research with live models. The animal facility assesses, designs and develops projects for third parties in the areas of biomedicine and biotechnology.

Other scientific infrastructure in the Parc

Common Scientific Services

Centralised equipment and facilities to support research in order to guarantee flexibility and optimise resources.

- 1.370m² of fully-equipped laboratory space on a self-service basis 24/7/365.
- Online equipment booking.
- Clean rooms: primary cultures, cell lines, yeast cultures and bacterial cultures.
- Centrifuge rooms: Benchtop, High speed/high capacity, ultracentrifuges and shaker incubators.
- Climatic chamber (37°C) with shaking platforms.
- Cold chambers, ultrafreezers and cryotanks.
- Histology room.
- Rooms with spectroscopic equipment.
- Microscopy rooms.
- Protein purification equipment laboratory.
- Cleaning and sterilisation service.
The PCB Community

3,500 Professionals

Over 125 Organisations

Over 100 Companies

11 Non-profit organisations

7 research centres
- Institute for Research in Biomedicine (IRB)
- Institute for Bioengineering of Catalonia (IBEC)
- Molecular Biology Institute of Barcelona (IBMB-CSIC)
- National Center for Genomic Analysis (CNAG)
- Institute of Cosmos Sciences (ICCUB)
- Rheumatology Research Group (Vall d’Hebrón)
- VIH-AIDS unit (Hospital Clínic)

7 University of Barcelona groups, units and services
Research Centers and other entities

**Research centres**
- Clínic Barcelona
- cnag
- ICCUB
- IBEC
- IBMB
- IRB Barcelona
- Vall d’Hebron Institut de Recerca

**Non-profit organizations**
- ACER
- biocat
- CataloniaBio & HealthTech
- EIT Health
- europe
- fi
- DTI
- Fundación GAEM
- icl@by
- LEIT@T

**University of Barcelona groups, units and services**
- CCiTUB
- Bosch i Gimpera Universitat de Barcelona
- - Biomolecular NMR
- - Metabolic Dynamics in Cancer
- - Macrophage Biology Group
- - Translational Immunology Group
The Park has incorporated sustainability into its corporate strategy and has approved a **Plan for the period 2022-2025** with a total of **20 projects and 44 actions** that impact the institution’s activity and are based on **7 sustainable development goals** that the Park has identified as most relevant to its activity.

The sustainability strategy is communicated through a corporate website that outlines the actions of the plan, various indicators, implemented actions, and a collection of sustainability notes that are published weekly. 
Revitalization of the PCB Community

**Networking**
- Coffee Connection
- Influencers
- PCBakers
- PCBeers

**Training**
- Acts, conferences and workshops: scientific, financial, entrepreneurship and legal

**Leisure**
- Yoga
- Physiotherapy
- Children Science

**Sustainability**
- Car pooling

**Contests**
- Photo contest ‘One day at the PCB’
RESSÒ, Research in Society program

RESSÒ has been awakening the scientific vocations and critical thinking of over 7,400 students aged 10 to 18 in the Catalan territory for over 20 years, involving more than 100 researchers from over 15 research centers.

(T) TALLERS
- 10 Temáticas
- 87 Centros educativos
- 94 Talleres
- 2,417 Alumnos participantes
- 30 Personal investigador

(M) MONÒLEGS
- 2,274 Alumnos participantes
- 97 Videos presentados
- 74 Centros educativos
- 119 Profesorado

(B) BATX2LAB
- 43 Trabajos de investigación
- 40-45 Alumnos participantes
- 19 Personal investigador
- 55 Centros educativos

(F) FIRA
- 2,533 Participantes
- 11 Grupos de investigación
- 100 Personal investigador