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

<table>
<thead>
<tr>
<th>DYNAMIC ECONOMY</th>
<th>LIFE SCIENCES AND HEALTH CARE</th>
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<tbody>
<tr>
<td>▪ Area: 32.106 km²</td>
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<td>▪ Population: 7.7 millions (2021)</td>
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<td>▪ GDP: 224.125 M€ (2020)</td>
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<td>▪ GDP per capita: 32.600 €/year (2020)</td>
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<td>▪ Companies: 630.474 (2021)</td>
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<tr>
<td>▪ 974 M€ investment (2015-2021)</td>
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<td>▪ 238 M€ invested in 2021</td>
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<td>▪ 80% of the capital raised in 2021 has international participation</td>
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<td>▪ 8.7% of Catalonia's GDP (4.4% industrial subsector and 4.3% health services) (2021)</td>
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<td>▪ Invoicing: 37.700 M€ (health services included) (2021)</td>
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<td>▪ 244.000 jobs (2021)</td>
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<td>▪ It employs 9% of the employed population (2021)</td>
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<td>▪ 91 research institutes and more than 1.300 companies (2021)</td>
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</tbody>
</table>

Source: Idescat, Biocat, CataloniaBIO & Healthtech
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Snapshot of Startup in the BioRegion (M€) (2015-2021)

- **Total (M€)**: 66, 104, 105, 112, 123, 226, 238
- **VC/PE (M€)**: 54,9, 69,9, 46,6, 63,3, 59,4, 140,2, 187,4
- **Grants (M€)**: 10,2, 18,6, 14, 27,8, 31,3, 30,9, 26,5
- **Stock Market (M€)**: 13,6, 20,7, 18, 24,6, 20
- **Crowdequity (M€)**: 0,7, 2,2, 3,7, 3,1, 7,7, 12, 13,7
- **Venture Debt**: 20, 20, 25, 10

Source: Informe Biocat 2021
The BioRegion of Catalunya: Agents of the ecosystem

+1,300 companies

- Biotech: 335
- Pharma: 126
- Medtech: 228
- Digital Health: 202

91 research institutes

- Research Centers: 41
- Universities: 19
- Science & Technology Parks: 14
- Universities: 12
- Large Infrastructures: 3
- Technology Centers: 2

Investors: 50
Suppliers: 180
Professional Services & Consulting: 200

Source: Informe Biocat 2021
The UB in figures

### Academic offer
- 16 faculties
- 73 degrees
- 10 affiliated centers
- 169 university master's degrees
- 46 doctoral programs
- 639 own master's and postgraduate degrees
- 766 continuous training courses (IL3-UB)

### Students and researchers in training
- 67,345 students:
  - 41,540 degrees
  - 4,776 university master's degrees
  - 21,029 postgraduate
  - 4,816 researchers in training

### I+D
- 140 M € research funds raised
- 637 doctoral theses read
- 4,816 researchers in training
- 7,112 scientific publications
- 958 active research projects
- 64 projects awarded by the Horizon 2020 program
- 73 patents applied for
- 720 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**, the **University of QS World University**, the **Times Higher Education World University Rankings** and the Center for World University Rankings, the UB is one of the 200 best universities 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 2020
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 Park offers 33,000m² useful office and laboratory space for users
Laboratories, offices and unique spaces
Wide range of scientific services

Self-service-based equipment and facilities

- 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.
- Dark rooms.
- Protein purification equipment laboratory.
- Cleaning and sterilisation service.

Scientific platforms

Our platforms offer specialised scientific services to on-site and external organisations. The synergy of the platforms allows us to offer an integrated and multidisciplinary service in R&D&I.

Other scientific infrastructure in the Parc
The PCB Community

3,000 Professionals

More than 120 Entities

More than 95 Companies

13 Non-profit entities

6 research centres
- Instituto de Investigación Biomédica de Barcelona (IRB)
- Instituto de Bioingeniería de Catalunya (IBEC)
- Instituto de Biología Molecular de Barcelona (IBMB-CSIC)
- Centro Nacional de Análisis Genómico (CNAG-CRG)
- Instituto de Ciencias del Cosmos (ICCUB)
- Rheumatology Research Group (Vall d'Hebrón)

8 Groups, units and services of the University of Barcelona
Companies
Research Centers and other entities

Research centres

Non-profit organizations

University of Barcelona groups, units and services

- Biomolecular NMR
- Metabolic Dynamics in Cancer
- Macrophage Biology Group

- Patents Center
- Translational Immunology Group
Revitalization of the PCB Community

Networking
- Cocktail Connection
- PCB Ambassadors Meeting
- Christmas Cava Glass

Training
- Acts, conferences and workshops with scientific, financial, entrepreneurship and legal topics

Leisure
- Yoga, Salsa, Zumba
- Children Science Camps for community members
- Photo contest One day at the PCB
Research in Society

- > 4,900 annual participants
- Students from 10 to 18 years old
- 20 years promoting vocations in science

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<tr>
<th>Discover research!</th>
<th>Do Research</th>
<th>Batx2Lab</th>
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<tbody>
<tr>
<td>Year 5 and 6 students</td>
<td>Secondary, Baccalaureate and Vocational Training students</td>
<td>44 tutored research projects</td>
</tr>
<tr>
<td>471 students</td>
<td>924 students</td>
<td>29 girls</td>
</tr>
<tr>
<td>39 teachers</td>
<td>76 teachers</td>
<td>15 boys</td>
</tr>
<tr>
<td>9 educational centres</td>
<td>40 educational centres</td>
<td>19 research staff</td>
</tr>
<tr>
<td>54 activities</td>
<td>46 activities</td>
<td>13 women</td>
</tr>
<tr>
<td>2 workshop themes</td>
<td>7 workshop themes</td>
<td>6 men</td>
</tr>
</tbody>
</table>
Guided online tour

- 28 educational centres
- 1409 participating students

Reimagine Science: Clinical Trials, Research, and Drugs

Following the success of the first edition of Reimagina la Ciència, alongside Novartis Farmaceutica and Big Van Ciencia, the Park has carried out the 2nd edition of this program that aims to help teachers implement in the classroom, through eLearning tools, concepts related to clinical trials.

- 1750 participating students
- 52 educational centres
- 61 videos received
Organisation chart

Management Department
- Carmen Arenillas
- Gemma Baladoch

Marketing and Communication Department
- Dra. Anna Serra
  - Communication
  - Scientific Dissemination
  - Clients
  - Receptions

Facilities Management
- Fernando Claver
  - IT and Telecommunications
  - Maintenance
  - Works

Scientific Services Department
- Montserrat de Luna
  - Animal house
  - Radioactive Facility
  - Proteomics Platform

General Management
- María Terrades

Human Resources
- Ana Isabel López

Administration and Finance Department
- Jose Porras
  - Controlling and Business Planning

Legal Services Department
- Mercè Alegre
  - Administration and Budgets

Quality, Security and Environment
- Glòria Pladellorens

Administration and Business Planning
- Elisabet González

Toxicology Platform
- Dr. Ángel Menargues

Proteomics Platform
- Dra. Eliandre De Oliveira

Animal house
- Jesús González

Radioactive Facility
- Dr. Agustí Munté

Core Scientific Services
- Dra. Rosa María Debón

Radioactive Facility
- Dr. Ángel Menargues

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