

The public ecosystem of the Barcelona Science Park raises 70 million euros in 2023, 40% more than in 2022

- This 2023 has been a great year in terms of funding received by the public research institutes, centres and groups at the Barcelona Science Park, which mobilised 69.9 million euros, of which 57.1 million came from public funds. This figure is 39.8% higher than in 2022, when it reached 50 million euros.
- The resources raised enabled the centres to make a quantitative and qualitative leap in the generation of knowledge and technology. They also served to advance in a management approach based on the valorisation and transfer of results that is committed to a model of open innovation to take on the health challenges of the 21st century from a global perspective.
- The success of this strategy can be seen in the 24 patent applications and extensions, the 7 licensed technologies, the breakthroughs in research and funding of spin-offs and the 1,702 ongoing collaborative projects with organisations around the world (248% more than in 2022).
- These data consolidate the Barcelona Science Park as one of the most powerful hubs for public innovation in health in Europe and reaffirm its role as a key player in the advancement of socio-economic progress and improved quality of life for society.

Barcelona, 24 October 2024. The public R&D&I ecosystem at the [Science Park of the University of Barcelona](#) achieved indicators of excellence in 2023, both in terms of input – funding, scientific talent and infrastructure – and output – scientific production, transfer, innovation and internationalisation – that consolidate its international positioning as a model of leading, cutting-edge research.

The institutes, centres and research groups present at the Park have significantly increased their capacity to attract resources, both nationally and internationally. This has allowed them to make a quantitative and qualitative leap in the progress of their activity. In 2023 they mobilised **69.9 million euros**, between public capital (57.1 million) and private capital (12.8 million). This figure represents an increase of **39.8%** over 2022, [when it reached 50 million euros](#).

The Institute for Research in Biomedicine ([IRB Barcelona](#)) raised **34.2 million euros** (6.8 million in private capital); the Institute for Bioengineering of Catalonia ([IBEC](#)), **17.5 million euros** (2.5 million in private capital); the National Centre for Genomic Analysis ([CNAG](#)), **9.9 million euros** (2.8 million in private capital); and the Molecular Biology Institute of Barcelona ([IBMB-CSIC](#)), **4.9 million euros** (0,1 million in private capital).

As for the University of Barcelona centres and groups located at the Barcelona Science Park, it is worth highlighting [Creatio](#), the UB's centre for the production and validation of advanced therapies, which raised **1.7 million euros** (0.6 million euros in private capital); the Technology Unit of the Institute of Cosmos Sciences ([ICCUB-Tech](#)), with **807,000 euros** (€21,000 in private capital); the Biomolecule NMR Group ([BioNMR Group](#)), part of the UB Department of Inorganic and Organic Chemistry, which received **€422,146** in public funds; and, finally, the [Laboratory of Metabolic Dynamics in Cancer](#), which obtained **€341,250**

(€60,000 in private capital), and the [Molecular Structure of Nuclear Receptors](#) Group, which raised **€15,000** in private capital, both of whom belong to the Institute of Biomedicine of the University of Barcelona (IBUB).

"We are extremely satisfied with the results achieved in 2023. They reflect the collective effort and dedication of all the institutes and research groups present at the Barcelona Science Park. The 70 million in funding, 40% more than the previous year, is a clear indicator of our public research's ability to attract both public and private resources, so we are talking about solid lines of research with a great future outlook. The Barcelona Science Park is already a benchmark in the field of health in Europe and we will continue to work on a model of open innovation that allows us to face the challenges of the 21st century, generating knowledge and technology that benefits society", said **Maria Terrades**, director of the Park.

Intellectual property and spin-offs

During 2023, the public centres and groups in the Barcelona Science Park community maintained their firm commitment to the valorisation of knowledge and technology, and their transfer to the productive fabric. In terms of intellectual property, a total of **24 priority patent applications and extensions** were filed: IBEC (12); IRB Barcelona (6); the IBMB-CSIC (6). In addition, in 2023, IRB Barcelona signed four licensing contracts for its patented technologies and the IBEC, three.

In transfer, **IRB Barcelona** achieved an unprecedented milestone in 2023, **as one of their breakthroughs led to a diagnostic device reaching the market for the first time**, through the work of one of its spin-offs. The device is [Inbiomotion's MAF-TEST](#) for **breast cancer prognosis**, which is now available to oncologists and pathologists and which is estimated to benefit around 24,000 patients a year in Spain. Another of the centre's spin-offs, [Nuage Therapeutics](#), raised **€12 million** in a seed funding round, led by Sofinnova Partners and Asabys, to advance its programme for **prostate cancer** and validate its drug discovery platform.

Furthermore, the IBEC's discoveries with market potential led to the formation in 2023 of [Nanobots Therapeutics](#), a spin-off between the institute and ICREA, which will be dedicated to developing and commercialising the MotionTx technology platform, **based on nanorobots with unique tumour-penetrating capabilities** to deliver drugs directly to cancer cells. The company closed a pre-seed funding round of 478,000 euros, led by BStartup Health.

Expanding the frontiers of knowledge

The public R&D&I ecosystem at the Barcelona Science Park also continued to reinforce its commitment to an open innovation model as a strategic axis for knowledge generation, technology transfer and innovation.

During 2023, the public research institutes, centres and groups at the Park launched, as a whole, a total of **1,702 national and international collaborative projects** with various public and private entities from all over the world, **248% more than in 2022**: CNAG (1,115), IRB Barcelona (271), IBEC (166); Creatio UB (54), IBMB-CSIC (72), ICCUB-Tech (10), UB BioNMR Group (8), the IBUB Laboratory of Metabolic Dynamics in Cancer (4) and the IBUB Molecular Structure of Nuclear Receptors Group (2).

- Read more on progress in R&D&I of the public centres at the Barcelona Science Park [here](#) [+].