

**2023
Activity
Report**

40 YEARS
SHARING
INNOVATION



Bosch i Gimpera
UNIVERSITAT DE BARCELONA



“We enable the impact of UB research
on society through companies
and institutions.”

I'm pleased to present the Bosch i Gimpera Foundation 2023 Activity Report.

In 2023, we reorganised the FBG in order to improve management, promote collaboration between the university and businesses and institutions, improve patenting and licensing processes, and encourage business creation. This restructuring aims to boost our social visibility and make the services we offer the University of Barcelona community more efficient.

Over this year, when we celebrated our fortieth anniversary, we achieved noteworthy results in key areas of innovation and knowledge transfer.

In addition to all the work in this report, I want to highlight two success stories from 2023: the UB applied for more European patents than any other university in Spain in 2023, and we also led the 2023 ranking of Catalan universities in number of projects awarded Knowledge Industry grants from the Catalan Ministry of Research and Universities.

These are just some of the most noteworthy aspects of the University of Barcelona innovation and knowledge transfer activities in 2023, which reflect the institution's commitment to academic excellence and quality research, as well as its contribution to social and economic development.

This leadership and everything we share in this report are the fruit of the hard work of the professionals at Bosch i Gimpera Foundation, who provide the support our research staff needs to valorise the knowledge they generate so it can reach society, which is the end user.

Mercè Segarra
Vice-Rector for Entrepreneurship,
Innovation and Transfer of
the University of Barcelona

Edition:

CONTENTS

2023 activity indicators	8
Innovation and transfer	10
Contracts and services with companies and institutions	11
Technologies, materials and licences	12
Business creation and support for entrepreneurs	14
Management of research, transfer and innovation projects	18
Collaboration agreements	20
Grants	22
Promoting collaboration between university and society	25
Activities and projects	26
Clusters and networks where the UB is a member	33
Awards	36
Innovation communication and dissemination	37
News	38
New dissemination projects	39
Success stories	41
Video interviews	42
FBG meeting point	44
The Institution	45
Board of Trustees	47
Organisations we belong to	47
About us	48

2023 activity indicators

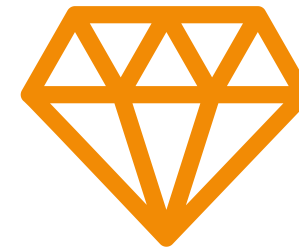


€ **47.98** M

hiring out projects for the UB

53.98 in 2022

of this €47.98 million in projects, €28.72 million was from UB projects and €19.26 million from FBG projects



139

patents available for transfer

120 in 2022



51

inventions assessed

50 in 2022



618

companies and institutions with research contracts

729 in 2022



11

technologies licensed

17 in 2022



1,753

active research projects

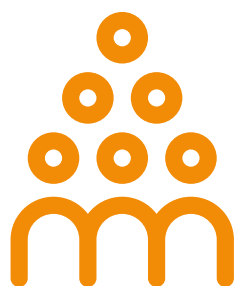
1,736 in 2022



16

entrepreneurial projects guided

15 in 2022



735

people hired for research projects

746 in 2022



2

spin-offs created

2 in 2022

“This culture change is here to stay and all researchers know they have to transfer. Now it’s unthinkable for a University of Barcelona department to not take into account research transfer and applications.”

Joan Guàrdia, Rector of the University of Barcelona (excerpt from his statement for the FBG 40th anniversary celebrations)

The results of innovation and transfer activities carried out in 2023 are as follows:

Contracts and services with companies and institutions

We offer companies the chance to improve their products and services by hiring University of Barcelona research groups and researchers.



€ **12.45** M
annual volume
contracted

11.33 in 2022



538
projects

613 in 2022

Technologies, materials and licences

The Bosch i Gimpera Foundation works to protect the technologies developed by our research staff and licence them to companies and organisations.



139
patents available
for transfer

120 in 2022



153
patent applications filed

89 in 2022

32 priority patents

10 international patent extensions (PCT)

111 national patents abroad



11
technologies licensed

17 in 2022



1
software or database
registered

3 in 2022



8
material transfer
agreements

10 in 2022



336,070 €
revenue from licences granted
in 2023 and previous years

289,953 in 2022



EPO RANK

It is important to note that, in 2023, the University of Barcelona was among the top three institutions in Spain in number of European patent applications filed, according to the report published by the European Patent Office (EPO). EPO data ranks the UB tenth in number of patent applications from companies and institutions in Spain.

Business creation and support for entrepreneurs

The FBG is the body in charge of encouraging UB researchers to set up innovative companies.



26

active spin-offs

24 in 2022



16

business creation ideas received and assessed

15 in 2022



2

spin-offs created

2 in 2022



€10.8 M

million in public and private funding raised

10.9 in 2022

Spin-offs created in 2023

Disrupt Therapeutics

Company developing drugs that mitigate the side effects of medical cannabis in patients suffering from chronic pain and to combat cannabis addiction. Contributes to SDG 3 (Good health and well-being).



Resource image. Credit: unsplash

Smart Classroom Project

This company aims to help improve educational spaces through science and pedagogy, getting the main stakeholders affected involved in these changes. Contributes to SDG 3 (Good health and well-being) and SDG 4 (Quality education).



The UB holds a stake in spin-offs created through the company Cultura Innovadora i Científica UB, SLU (CIC-UB)

List of investee spin-offs with year created:

Accure Therapeutics	2020
Advanced Nanotechnologies	2012
AIGecko Technologies	2020
Biocontrol Technologies	2004
Bluephage*	2016
Braingaze	2013
ColorSensing	2018
Cytes Biotechnologies	2015
DapCom Data Services	2013
BDgen Ocular Genomics	2018
Enantia	2003
Gate2Brain	2020
Impetux Optics	2012
Kumux	2017
Mind and Identity	2020
Neurekalab	2019
Nimble Diagnostics	2022
Nostrum Biodiscovery	2015
Oniria Therapeutics	2021
Qilimanjaro Quantum Tech	2019
Reveal Genomics	2021
Smalle Technologies	2012
Smart Classroom Project	2023
Virmedex Virtual Experiences	2022
Virtual Bodyworks	2015

* FBG also holds a stake

Noteworthy indicators for investee companies 2023



272 jobs
222 in 2022



€10.9 M joint turnover
11.3 in 2022

Management of research, transfer and innovation projects

“The FBG is a fantastic team of people who support me in managing research.”

Mariona Taulé i Delor, head of the Department of Catalan Philology and General Linguistics in the Faculty of Philology and Communication at the University of Barcelona (UB) and head of the CLiC Centre de Llenguatge i Computació research group (excerpt from an interview in September 2023)

The UB entrusted the FBG with the responsibility of managing research, transfer and innovation, handling any needs or initiatives related to R&D&I projects and valorising research, leading the FBG to manage €46.4 million in projects, of which €17.9 million is income from UB projects and €28.5 million is income from FBG projects.



€ 46.4 M
income

33.4 in 2022

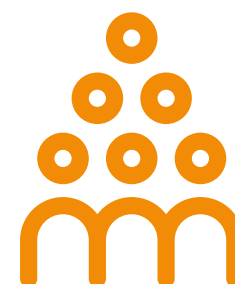
In 2023, the FBG consolidated its mandate from the UB to manage and hire staff, so the data below includes management and hiring of personnel for both the UB and the FBG.

In 2023, the FBG managed 735 contracts for people to work on research projects, 636 for the FBG and 99 for the UB.

746 in 2022

The FBG posted 396 job offers and managed 79 work permits, 219 for the FBG and 177 for the UB.

In 2023, 837 courses were held on risk prevention and 176 jobs were assessed.



735
contracts for people to
work on research projects

746 in 2022

Collaboration agreements

With **Mútua dels Enginyers – Socialcorp**, to promote research on public and private unemployment insurance coverage of self-employed workers in Spain being conducted by the Observatory of European Systems of Complementary Social Pension Plans.

With **Caja de Seguros Reunidos Compañía de Seguros y Reaseguros, SA (CASER)** to promote the research and dissemination activities of the Observatory of European Systems of Complementary Social Pension Plans and carry out research on complementary social pension plans.

With **Vidacaixa, Sau de Seguros y Reaseguros** to promote the research and dissemination activities of the Observatory of European Systems of Complementary Social Pension Plans and carry out research on complementary social pension plans.

With **Bansabadell Vida SA, de Seguros i Reaseguros** to promote the research and dissemination activities of the Observatory of European Systems of Complementary Social Pension Plans and carry out research on complementary social pension plans.

With **Grup la Mutua dels Enginyers** to promote the research and dissemination activities of the Observatory of European Systems of Complementary Social Pension Plans and carry out research on complementary social pension plans.

With **Fundació Privada Auditorium d'assegurances** to promote the research and dissemination activities of the Observatory of European Systems of Complementary Social Pension Plans and carry out research on complementary social pension plans.

With **Fundación Conocimiento y Desarrollo (CYD)** to promote the research and dissemination activities of the Observatory of European Systems of Complementary Social Pension Plans and carry out research on complementary social pension plans.

With **Mutualidad General de la Abogacía Mutualidad de Previsión Social a Prima Fija** to promote the research and dissemination activities of the Observatory of European Systems of Complementary Social Pension Plans and carry out research on complementary social pension plans.

With **Loreto Mutua, MPS** to promote the research and dissemination activities of the Observatory of European Systems of Complementary Social Pension Plans and carry out research on complementary social pension plans.

With **Grupo Catalana Occidente** to promote the research and dissemination activities, including a project on grants to publish science papers on complementary social pension plans in indexed journals, hosting the Workshop on Pensions and Insurance and the Especial Pensiones Meeting – and to carry out research on complementary social pension plans led by the Observatory of European Systems of Complementary Social Pension Plans.

With **Consultora De Pensiones Y Previsión Social** to promote the research and dissemination activities, including a project on grants to publish science papers on complementary social pension plans in indexed journals, hosting the Workshop on Pensions and Insurance and the Especial Pensiones Meeting – and to carry out research on complementary social pension plans led by the Observatory of European Systems of Complementary Social Pension Plans.

With **Mercer Consulting, SLU** to promote the research and dissemination activities, including the Workshop on Pensions and Insurance and to carry out research on complementary social pension plans led by the Observatory of European Systems of Complementary Social Pension Plans.

With **AON Consulting Services, SAU** to promote the research and dissemination activities of the Observatory of European Systems of Complementary Social Pension Plans and carry out research on complementary social pension plans.

With **Alter Mutua De Los Abogados Y Abogadas** to promote the research and dissemination activities of the Observatory of European Systems of Complementary Social Pension Plans and carry out research on complementary social pension plans.

With **Cultura Innovadora I Científica UB, SLU**, to promote collaboration between CIC-UB and the FBG to develop and execute the F2I programme.

Grants

The University of Barcelona has put the Bosch i Gimpera Foundation in charge of managing its innovation, promotion, valorisation and results transfer activities, as well as managing the University of Barcelona’s contracts, agreements and projects. The tasks the UB has entrusted to the FBG include promoting UB participation in grant calls to fund research, development and innovation projects in Catalonia, Spain, the EU and internationally. The FBG’s management of these grant calls has yielded:

Annual Revenue



91
projects

51 in 2022



€ 33.96 M
total volume

2.35 in 2022

Fundació Bosch i Gimpera

Universitat de Barcelona



€ 5.24 M
funds



37
projects



€ 28.72 M
funds



54
projects

Noteworthy grants in 2023:

”La Caixa” Foundation CaixaImpulse Innovation – €150,000 secured to fund a project led by Dr Vicente Marchán, in the Faculty of Chemistry, to promote the application of new light-activated drugs to facilitate anti-tumour treatment.

Barcelona City Council Proof of Concept call under the Barcelona Deep Tech Node Programme – Funding for the project led by Dr Ignacio Sirés, of the UB Faculty of Chemistry. This project focuses on developing an electrochemical reactor designed to produce H₂O₂ on the premises to decontaminate and disinfect urban and industrial wastewater. Plus, the reactor features an innovative design that increases the treatment capacity and reduces power use compared to other models currently available.

Agency for Administration of University and Research Grants (AGAUR) 2023 Call of the Knowledge Industry Programme for proof of concept – The UB secured more projects than any other institution and therefore, the most funding to valorise projects, with 13 grants awarded (6 Seed and 7 Product) and a total of €1,169,680.57 in funding.

In Europe, the VERTEX: Virtual Embodied Reminiscence Therapy in Extended Reality project led by Dr Mel Staler, of the University of Barcelona, obtained €150,000 in funding through the European Research Council (ERC) Proof of Concept Grant 2023. The VERTEX project aims to use virtual reality to improve the well-being of seniors, based on the concept that psychological factors play a key role in age-related deterioration and that the elderly’s attitude to ageing can be a significant predictor of physical and cognitive fragility.

Promoting collaboration between university and society

“Our greatest challenge is being useful to society.”

Josep Maria Canals, director of Creatio UB and full professor in the Faculty of Medicine and Health Sciences at the University of Barcelona.
(excerpt from an interview in November 2023)

Activities and projects

Science + Partners

Meeting for UB scientists and investors to promote research projects. In April, the ninth Science + Partners event was held, this time focusing on the health sector.

Science Partners +

4 Science

- Dr Christian Griñán, of the Faculty of Pharmacy and Food Science, with a project on **the first G9a inhibitors designed for the central nervous system**
- Ms Esther Riambau, CEO and co-founder of the UB spin-off **Oniria Therapeutics**, with a project on **modulating dormant cells to overcome tumour persistence**
- Dr M. Dolors Pujol, of the Faculty of Pharmacy and Food Science, with a project on **new compounds to treat paediatric osteosarcoma**
- Dr M^a Carmen Ruiz, researcher at the University of Granada and collaborator with the group led by Dr Santiago Vázquez, of the Faculty of Pharmacy and Food Science, with a project on **new therapeutic approach to postoperative and arthritic pain**

6 Partners

The group of partners who specialise in the health arena were Anna Bellmunt from Asabys Partners, Giacomo Desimone from Clave Capital, Jaume Ruiz from GENESIS Biomed Antonio Herce from Invready, Gemma Guinart from In Vivo Capital, and Jordi Xiol from Ysios Capital.



2022 Grant recipients

Fund Promotion Innovation



In February, a meeting was held with the groups awarded Proof of Concept grants (PoC) in the 2022 Fund for the Promotion of Innovation (F2I) call.

The projects awarded grants in 2022 were: an artificial intelligence tool to predict neurodevelopmental progress of infants with low birth weight, led by Dr Carles Escera of the Faculty of Psychology; 3D passive tags, led by Dr Neus Vidal of the Faculty of Physics; new metal-based anticancer agents for photodynamic therapy, led by Dr Vicente Marchán of the Faculty of Chemistry; and the use of organoids as an in vitro health product, led by Dr Sandra Acosta of the Faculty of Medicine and Health Science.

In 2023, the following projects were awarded grants:

Proof of Concept

- “Preclinical progression of a structurally novel anti-glioblastoma drug”, led by Dr Carmen Escolano, of the Faculty of Pharmacy and Food Science
- “Super-resolution laser scanning microscopy with photochangeable fluorophores”, led by Dr Jordi Tiana, of the Faculty of Physics
- “Ultra-fast portable IR camera based on coded light”, led by Dr Martí Duocastella, of the Faculty of Physics
- “Second generation hepatitis A vaccine: use of a rapidly replicating strain in Vero cells encapsulated in immunopotentiating vesicles”, led by Dr Maria Isabel Costafreda, of the Faculty of Biology

Mentor in Residence

- “Ultra-fast portable IR camera based on coded light”, led by Dr Martí Duocastella, of the Faculty of Physics
- “Device for predicting neurodevelopment outcomes at age two based on AI applied to neonatal EEG recordings to speech” led by Dr Carles Escera, of the Faculty of Psychology
- “MENTAQUA”, led by Dr Ignacio Sirés, of the Faculty of Chemistry
- “NeuroEPI”, led by Dr Cristian Griñán, of the Faculty of Pharmacy and Food Science
- “PM-01 new compound for the treatment of osteosarcoma in children” led by Dr Maria Dolors Pujol Dilme, of the Faculty of Pharmacy and Food Science

Since 2016, the F2I programme has funded 29 proof of concept projects with a total of €725,000.

UB Social Innovation Lab

On 6 November 2023, the National Commission on Markets and Competition (CNMC) held its fifth Living Lab on Good Governance and Regulation. This living lab looked at how behavioural sciences help improve public policy and public management, focusing especially on the local level.



Innovation Tickets programme

In 2023, two UB innovation tickets were awarded, one to Dr Xavier Vendrell, of the Department of Inorganic and Organic Chemistry, and the other to Dr Sergi Dostas, of the Department of Materials Science and Physical Chemistry of the Faculty of Chemistry.





From Science to Market

In December, there was a closing event for the fifth edition of the “From Science to Market” programme promoted by the University of Barcelona, Autonomous University of Barcelona, Polytechnic University of Catalonia and Pompeu Fabra University to foster technology and knowledge transfer among PhD students or researchers interested in using their thesis or dissertation as the basis for a business project. In 2023, 32 PhD students took part.

Over its five editions, the programme has given rise to companies such as Koa Biotech, Vaive Logistics, Gate2Brain, Innovameat, MEETOPTICS, Zymbol Biomodeling, Mitiga Solutions and Sensorial Processing Technology Barcelona.

Previous editions helped create eight emerging companies. The “From Science to Market” programme is subsidised by the Catalan Ministry of Business and Labour and co-funded by the European Social Fund.



Events at UB faculties

In 2023, the Office of the Vice-Rector for Entrepreneurship, Innovation and Transfer and the FBG and faculty management teams organised **two events** to encourage the UB teaching and research staff (TRS) to take part in transfer, innovation and entrepreneurship programmes. The two events took place at the **Faculty of Chemistry** and the **Faculty of Economics and Business**.

They not only provided information, but also allowed researchers to network, forging contacts with colleagues and experts in valorisation or transfer projects.

Workshops for researchers



Session on key aspects of creating a spin-off

In April, two sessions were held on the basics of transferring research results to businesses and institutions. These sessions aimed to share basic knowledge to help transfer research results to businesses and institutions.



Fairs and Forums

Continuing with the strategy of being more present in business settings, each year we attend fairs and events in the sector where we can forge contacts with companies that are developing new products and services in various markets.

Attending these fairs also helps us stay up-to-date on the latest innovations and developments in industrial sectors and contact companies that stand out for their innovation.

The FBG attended the following fairs in 2023: Cumbre Agroalimentaria, Advanced Factories, Catalonia BIO Connection Day, Health Revolution Congress – ACCIÓ, Fòrum de Tecnologies i Innovació, Alimentaria Food Tech, BIOSPAIN, Ibtm World, IND+i, 4YFN and 4YFN BootCamp.

1st Conference of the Transfer Offices of Catalan Universities

The 1st Conference of the Transfer Offices of Catalan Universities took place on 23 March at the Pompeu Fabra University campus in Poblenou. This initiative is promoted by the transfer offices (TTOs) at the universities (UB, UAB, UPC, UPF, UdG, UdL, URV, URL, UOC, UVic-UCC and UIC Barcelona) and brought together over a hundred professionals from all over Catalonia who work to promote and manage knowledge transfer in various ways. The conference aimed to create a place for all these professionals to meet and interact in order to share good practices, concerns and proposals for the future.



Clusters and networks where the UB is a member

UB research groups take an active role in various networks or clusters in order to facilitate contact between research staff and groups at the University of Barcelona and companies and other stakeholders in the sector, or to promote collaborations among the research groups that make up the networks.

Clusters

Beauty Cluster Barcelona – KID'S CLUSTER – Mental Health Cluster of Catalonia (CSMC) – CataloniaBio & Health Tech – Advanced Materials Cluster (MAV) – Catalan Water Partnership (CWP) – Cluster in Photonics and Optics – Audiovisual Cluster – Nutrition and Health Cluster.

Success stories: Interaction between companies and the KID'S Cluster gave rise to a project that aims to validate an educational tool using virtual reality for nutrition with companies in the cluster.

R&D&I NETWORKS in the sector

Innovation Network of New Technologies in Mental Health (TECSAM) – X_AGRITECH Network – R&D&I network for Supercomputing in Catalonia (X4HPC) – Artificial Intelligence R&D&I Network – XARSMART network – I4KIDS Network – Reference Network in Additive Manufacturing (XaRFA) – AccessCat – BlueNetcat

Communities



Deep Tech Community – The second Deep Tech Summit was held in 2023 to position science-based entrepreneurship in the city and University of Barcelona spin-off NIMBLE Diagnostics was named the best deep tech start-up.

TECNIO

The UB has seven research groups with the TECNIO seal. In 2023, these seven TECNIO groups at the UB, with a joint total of more than 200 researchers, saw €10 million in income, 54% from R&D&I contracts with companies and public grants awarded to carry out business R&D&I projects. Over this time, 19 researchers have been transferred to companies.

These are the seven TECNIO groups at the UB:

- Microsystems Engineering Centre for Instrumentation and Control (CEMIC)
- Thermal Projection Centre (CPT)
- Production and Validation Centre of Advanced Therapies (CREATIO)
- DataScience@UB
- Centre for Design and Optimisation of Processes and Materials (DIOPMA)
- Stable Isotopes and Mineralogy (MAiMA)
- Service for Drug Development (SDM)

Each year, the UB launches two calls to award grants to boost transfer, promoted by the Office of the Vice-Rector for Entrepreneurship, Innovation and Transfer, in order to support TECNIO groups and other transfer-intensive groups. There are two types of grants under this programme: one for groups with the TECNIO seal and one for pre-TECNIO research groups that meet the call criteria and commit to applying for UB transfer group status within the year and TECNIO accreditation within four years.

Four research groups that meet the call criteria were selected in the pre-TECNIO category for 2023. They were:

- Early Drug Discovery Unit (EDDU)
- Enteric Viruses Group – SAVCA Laboratory
- ITMAS (Innovació Tecnològica Multidisciplinària en Alimentació i Salut)
- RADMAT



Innovation communication and dissemination

“One of the challenges ahead of us is for transfer to take place in all areas of knowledge. Traditionally, it has been carried out in the areas of experimental sciences and health sciences; now, increasingly, it is being carried out in the social sciences and humanities.

The knowledge produced at the university must reach society. Perhaps the best way is not to create a company or a patent, but it is possible to disseminate what is being studied, so that people know what society's money is being invested in. We are a public university and we must be accountable to the people who are funding the university. And we have to show that all that investment leads to an improvement in the social system and in people's way of life.”

Mercè Segarra, Vice-Rector for Entrepreneurship, Innovation and Transfer and full professor in the Department of Materials Science and Physical Chemistry of the Faculty of Chemistry at the University of Barcelona (excerpt from an interview in October 2023)

Awards

Antoni Caparrós Award

for best knowledge transfer project. Granted to:

Dr Híbai López González, for the project “Dismantling gambling myths through Instagram”.

Dr Antoni Ibarz Valls, for the project “Non-invasive study on fish welfare and response to food additives using skin mucus biomarkers”.

Senén Vilaró Award

for best innovative company. Granted to:

Gate2Brain, SL, represented by CEO Dr Meritxell Teixidó.



Premis del Consell Social de la UB
i de la Fundació Bosch i Gimpera

In 2023, 98 articles on success stories and projects were published, helping boost the UB's visibility and reputation as an innovative university (64 in 2022).



UNIVERSITAT DE BARCELONA

Cinc empreses sortides de la UB van superar el milió d'euros de facturació el 2022

■ Cinc empreses emergents fundades a partir de l'R+D de la **Universitat de Barcelona** (UB) van superar l'any passat el milió d'euros de facturació: Enantia, Biocontrol Technologies, Nostrum Biodiscovery, Qilimanjaro Quantum Tech i Bocytes Biotechnologies. Segons la UB,

els 24 projectes derivats van aconseguir el 2022 una facturació rècord, d'11,4 milions d'euros (un 22% més que el 2021), i van captar 11 milions en finançament públic i privat. A més, destaca la universitat, la plantilla d'aquestes empreses va superar els 200 llocs de treball. / R. Salvador

FOCUS



Victor Caswell (dret, amb camisa), cofundador de l'empresa, acompanyat d'alguns dels joves membres de l'equip de la 'Vespotech'. ...

QILIMANJARO
COMPUTACIÓ QUÀNTICA

A la recerca del millor qbit

LA NOVETAT

Lidera el consorci que construirà el primer ordinador quàntic d'ús públic del sud d'Europa

QILIMANJARO Quantum Tech lidera el consorci de l'Estat que construirà el primer ordinador quàntic d'ús públic del sud d'Europa, que s'instal·larà al Barcelona Supercomputing Center - Centre Na-

cional de Supercomputació (BSC-CNS) i s'integrarà al superordinador 'MareNostrum 5', el més potent del 'Top500', entre els més avançats d'Europa i el món. L'empresa va sorgir el 2019 com a spin-off de la Universitat de Barcelona, el BSC-CNS i l'Institut de Física d'Altes Energies (IFAE), gràcies a José Ignacio

hies basades en aquesta tecnologia. "Treballem, entre d'altres, en noves arquitectures de hardware i software, sempre per millorar la qualitat del qbit (bit quàntic) i trobar aplicacions pràctiques a solucions concretes", explica Marta P. Estrella, CEO de l'empresa.

New dissemination projects

Technologies to licence

In 2023, we highlighted a new project to help better explain the technologies available to licence. In addition to marketing them through the standard channels of the Innovation Department, the Communication Department also designs a campaign to promote them in other channels.

Investigación

La UB desarrolla una solución oftalmológica para el tratamiento del ojo seco

Esta contiene compuestos naturales con efectos hidratantes prolongados. La tecnología ideada será muy beneficiosa para los pacientes, puesto que tendrá un efecto curativo y preventivo del ojo seco. A largo plazo, además, proporciona una acción hidratante y calmante prolongada, y tiene otros efectos terapéuticos potenciales, tales como antiinflamatorios, antibacterianos y antimicrobianos.



Fundació Bosch i Gimpera

5,414 seguidores

6 días •

#UBalsMitjans | Visita al programa "Lideratges" d'Onda Cero Catalunya per parlar de l'innovador sistema de descontaminació d'aigües subterrànies desenvolupat per la Universitat de Barcelona.

Ver traducción



The dictionary

Social media campaign, newsletter or website with words related to knowledge, technology and innovation transfer (“spin-off”, “patent”, “knowledge transfer”, etc.). The goal is to help researchers and society in general become more familiar with concepts from this arena.



Success stories



Examples of technologies from the UB in use on the market



An app to identify crop disorders and recommend potential treatments in the Middle East and North Africa



A study to tackle gender bias in classical music in Catalonia



Smart lighting to minimise light pollution and protect biodiversity

Video interviews with research staff at the University of Barcelona to raise awareness of their projects, boost their visibility and share the importance of knowledge transfer to society. In this report, we would like to highlight a more personal question we ask in all the interviews. We have also included a link to the full interview. In 2023, we asked the following question:

The best invention in history?

“The universal health system”

Hibai López
13 January 2023

“The Internet.” “The washing machine.”

Catalina Bolancé and Montserrat Guillén
20 February 2023

“Vaccines.” “Electric light.”

Encarnación Capilla and Isabel Navarro
20 March 2023

*“The wheel, penicillin, and computers
— and nowadays, CRISPR.”*

Víctor Canivell
17 April 2023

“The wheel.”

Jose Conde
15 May 2023

“Music.”

Moisés Carmona
14 July 2023

“Writing”

Mariona Taulé
18 September 2023

“The most surprising one was television.”

Mercè Segarra
18 October 2023

“Cell reprogramming.”

Josep Maria Canals
20 November 2023

From July, we added a question to promote gender awareness actions from the FBG Equality Plan to these video interviews. The question was:

What can be done to achieve gender equality?

“We could encourage and promote more policies oriented towards women’s entrepreneurship.”

Jose Conde

“Better education and for men to work on the privileges we have and realise that life is different depending on whether you are a man or a woman.”

Moisés Carmona

“Rather than equality, I say equity between men and women. We should be able to have the same opportunities, and this requires a lot of education. In my field of research, the best we can do is to develop language resources and automatic learning systems that are equitable and fair, without biased information, that are inclusive, that reflect diversity and multiple perspectives for understanding and interpreting the world.”

Mariona Taulé

“Educate people, starting at home.”

Mercè Segarra

“I think we must make normal and reasonable policies, such as equal pay, and make policies that promise to help and consolidate gender equality.”

Josep Maria Canals



FBG meeting point

A gathering of all FBG personnel with a researcher from the University of Barcelona so the FBG could get a better idea of what researchers do through real projects they have launched, and so the researchers could personally meet the Bosch i Gimpera Foundation staff.

As part of this FBG meeting point, in 2023 we met with:

Alejandro Forero and Rachele Stroppa, from the Department of Criminal Law and Criminology and Public International Law and International Relations.

The institution

“You realise that the most important thing is the team, the people.”

Jose Conde, head of the Business Creation Department at the Bosch i Gimpera Foundation
(excerpt from an interview in May 2023)



40 YEARS SHARING INNOVATION

In October, the Bosch i Gimpera Foundation celebrated its fortieth anniversary as the University of Barcelona innovation and knowledge transfer centre with an event in the Paranymph in the Historic Building. The event finished off with a panel discussion looking to the future and reflecting on the challenges and opportunities in transfer and innovation that the University will have to tackle in the coming years. There were 270 guests at the event, including former rectors of the UB, authorities from academia and the ecosystem, and current and former FBG employees.

Board of Trustees

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Organisations we belong to

The Bosch i Gimpera Foundation sits on the Barcelona Science Park (PCB) Board of Trustees and the Cultura Innovadora i Científica UB (CIC-UB) Board of Directors. FBG is also a member of the Barcelona School of Tourism, Hospitality and Gastronomy (CETT-UB) Governing Board, the StartUB! Board of Directors (which the FBG founded with the UB) and the Barcelona Centre Universitari (BCU) Executive Committee. We represent the University of Barcelona, with the Office of the Vice-Rector for Entrepreneurship, Innovation and Transfer, in the League of European Research Universities (LERU) Enterprise and Innovation Policy Group (ENTE).

Additionally, as part of RedOTRI, we take part in the spin-offs and indicators work groups, the latter with the UB. We hold the vice-chair of the RedTransfer Executive Committee, the association of transfer, innovation and research management professionals. The FBG has worked with the CHARM-EU European university alliance, coordinated by the UB, and the TORCH project, which is the research and innovation arm of CHARM-EU.

People who make up the Bosch i Gimpera Foundation and new organisational structure as of 31 December 2023:

Management

M. Teresa Plo, General Manager

- **Administration and Financial Management and General Services:** Sergi Ros, **Head Team:** Anna Apellániz, Yvonne Mata, Daniel Pierrá, Mili Rivera, Sònia Salom, Gemma Sánchez, Cristina Serra, Joel Sitjes and Elisabeth Vico
Marta Tort, Controller
- **Legal Advice and Public Contracting:** Ana Giménez, **Head Team:** Eduard Rueda and Dolors Vega
- **Communication and Marketing:** Mariona Ferrer, **Head Team:** Aleix Solernou
- **Technical Office and Assessment:** Gemma Casamitjana, **Head Team:** Maria Segú
- **Human Resources, Health and Safety:** Mercè Tejedor, **Head Team:** Iratxe Fernández**, Raquel Homs, Pili Morales, Laura Ramos, Teresa Sánchez, Mireia Solsona and Sandra Tello
- **Technologies:** Àlex Closa, **Head Team:** Pere Sordé

R&D&I projects

Xavier Gutierrez, Director

- **Commercialisation of Technology and Knowledge:** Salvador Mena, **Head Team:** Alícia Ardenuy*, Núria Bargalló and Sergio Martínez
- **Contracts with Companies and Institutions, and R+D+I grants:** Olga Bogurina, **Head Team:** Laia Crespo, Raquel Jiménez, Glòria Roselló and Mercè Rabaneda
- **Management and Justification of R+D+i Grants:** Sílvia Mora, **Head Anna Rovira, Head of European Projects Team:** Digna Cárcoba, Ruth Castillo, Anna Ferrando, Sheila López, Sandra Martin, Adrià Sanabra and Santa Taberner

Innovation and Valorisation

Lurdes Jordi, Director

- **Valorisation and Licensing:** Inma Íñiguez, **Head Team:** Isabel Durán and Sancho Moro
- **Business Creation:** Jose Conde, **Head Team:** Rosa Vázquez
Belén Gámez and Núria Sánchez**, management

(**) Covering staff on maternity, medical or voluntary leave, or retirement. (*) Investigator staff

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