

ACTIVITY REPORT **2018**



Bosch i Gimpera
UNIVERSITAT DE BARCELONA

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THE INSTITUTION

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Bosch i Gimpera Foundation

PRESENTATION

I am pleased to present the 2018 Activity Report of the Bosch i Gimpera Foundation.

First of all, I would like to recall that in 2018 the FBG celebrated its thirty-fifth anniversary as the UB's technology transfer office. The FBG was created in 1983 precisely as an instrument intended to establish a relationship between the University and society, and since 1996 it has acted as the Office for the Transfer of Innovation Results (OTRI). In its first year, the FBG managed ten innovation projects for €480,000, and by the end of 2018, the Foundation had managed 789 projects, worth €32.67 million. Currently, the FBG holds 128 patents to transfer, and during the period 2016-2018 it has licensed a total of 41 technologies and has created 7 spin-offs. In these 35 years of history we have played a key role in promoting collaboration between the University and society. This is not only about innovation, but also about applying it to our activity in order to increase the positive impact of research and to be able to continue being a key actor in the development of the University of Barcelona's third mission over the next 35 years.

As for 2018 in particular, I would like to highlight the report of the European Patent Office (EPO), presented in March 2019, in which the University of Barcelona appears as the leading Spanish university in terms of European patent applications. This milestone coincides with the thirtieth anniversary of the first patents managed by the University of Barcelona, first through the Patent Centre and later together with the Bosch i Gimpera Foundation. EPO data place the University of Barcelona in third position in terms of joint patent applications between companies and institutions. By sector, the distribution of the patents applied for at the EPO by the University of Barcelona was as follows: seven from the chemical and pharmaceutical sector; six from the electronics and sensors sector; three from the information and communication technologies sector, and one from the optics and instrumentation sector. In terms of faculties, the Faculty of Physics heads the ranking, with seven applications, followed by the Faculty of Pharmacy and Food Science, with five, the Faculty of Psychology, with three, and the Faculty of Chemistry, with two applications.

Also in 2018, the European Regional Development Fund (ERDF) announced the results of a grant call co-funded with the support of the Secretary of Universities and Research of

the Department of Business and Knowledge of the Generalitat de Catalunya to carry out projects proposed by the valorisation and knowledge transfer offices of Catalan universities and aimed at significantly improving the interaction with the productive sector. The FBG submitted the project "Promotion of innovation, valorisation, and transfer (REINNOVA UB - FBG)", and we have been awarded ERDF co-funding totalling €1,333,440.05. The main expected results of this grant include: an increase in the number of UB researchers participating in transfer projects, an increase in the number of business collaborations with research groups, an increase in the viability of transfer projects, and the positioning of the FBG as a benchmark institution in technology transfer.

Finally, I want to thank the team of the Bosch i Gimpera Foundation for their work.

M. Carme Verdaguer
General Manager

CONNECTING RESEARCH AND SOCIETY

“

The FBG is an entity that promotes the interaction between the academic and the business world and provides the resources to add value to the knowledge generated in the university”

Albert Zamora

CEO Virtual Bodyworks

(excerpt from an interview conducted in April 2018)



We are the technology transfer office of the University of Barcelona, and our mission is to transfer the results of the research carried out by UB researchers in order to contribute to economic and social progress through innovation.

We know two very different worlds very well, the world of university research and the business world, and we also know how to facilitate the collaboration between university and companies in order to increase the university's impact on society. To achieve these goals, we support researchers, entrepreneurs, and investors at different levels in an agile and efficient way, and we do this by:

- Providing solutions for people, that is, facilitating the creation of new products that improve people's lives. Creando oportunidades para investigadores, empresarios e inversores.
- Creating opportunities for researchers, entrepreneurs, and investors.
- Generating business, that is, facilitating the creation of innovative companies.

ACTIVITY INDICATORS 2018

**32.67**

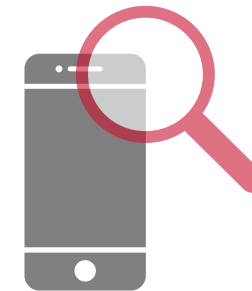
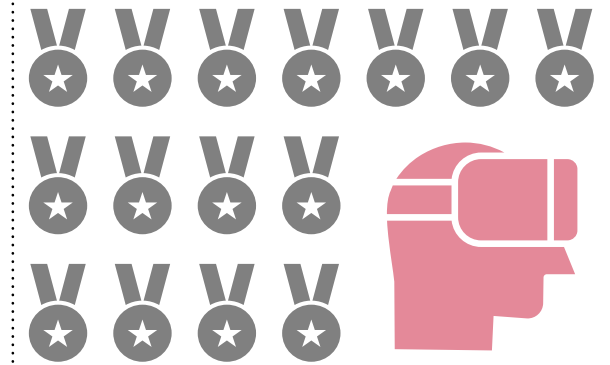
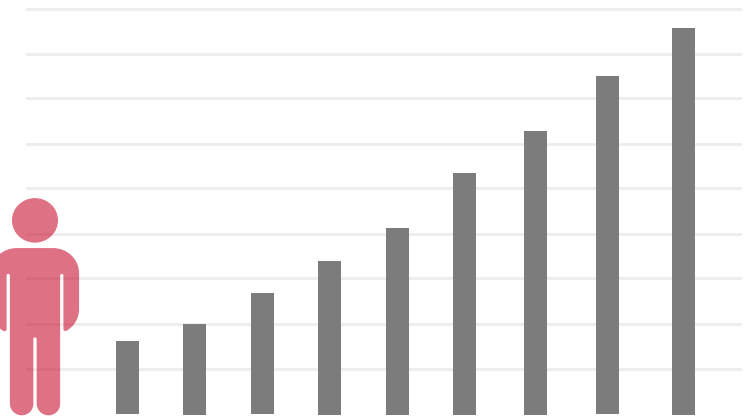
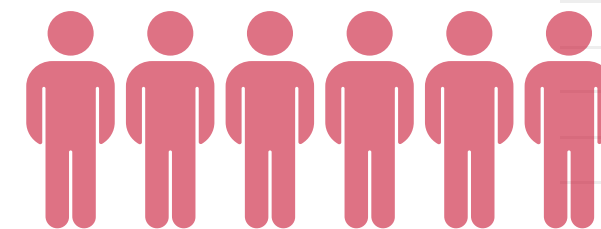
MILLIONS OF EUROS

Projects contracted with the UB

29.41 in 2017

**1.6**

MILLIONS OF EUROS

Return for the UB
1.5 in 2017**768****Companies and institutions contracting research**
667 in 2017**1,948****Active research projects**
1,929 in 2017**531****Grant applications**
319 in 2017**FIFTY****Assessed inventions**
55 in 2017**FIFTEEN****Licensed technologies**
9 in 2017**852** **People hired within research projects**
801 in 2017

INNOVATION AND KNOWLEDGE TRANSFER

“

“The FBG is a useful tool for researchers. In the end it is a funding mechanism, a support and advice system that helps us to enter the R&D world. We work in the laboratory conducting research to obtain results, and translating these results into a patent is one of the things that the FBG enables us to do”.

Manuel Vázquez

Professor, Department of Pharmacology, Toxicology, and Therapeutic Chemistry, Faculty of Pharmacy

(excerpt from an interview conducted in June 2018)



CONTRACT RESEARCH

Annual contracted revenue

12.56

MILLIONS OF EUROS

10.95 in 2017

656

PROJECTS

615 in 2017

TECHNOLOGIES, MATERIALS, AND LICENCES

- 128 patents to transfer – 124 in 2017
- 69 patent applications – 75 in 2017
 - 16 priority patent applications
 - 12 international patent applications (PCT)
 - 41 patents in national phases abroad
- 15 licensing contracts signed - 9 in 2017
 - 1 licence option
- 4 software technologies registered – 5 in 2017
- 19 material transfer agreements – 15 in 2017

In 2018, the revenue generated by 2018 and previous licences was €321,109.



Example of a technology available for licensing

(13/11/18)

Researchers at the University of Barcelona develop the first liquid triple treatment for tuberculosis.

The new liquid preparation improves the taste of this type of formulation and solves stability problems, thus helping a sizeable group of patients to follow the treatment more easily.

In 2018, we need to highlight the thirty years we have been managing the patent protection of the results of the research carried out at the University. We have since reached a cumulative figure of over 1,000 patent applications. During these thirty years, almost 150 licensing agreements have been signed, which have allowed a large number of technologies to be transferred from the University of Barcelona to the industrial sector. In addition, technology licensing has also made it possible to create 23 spin-offs in which the UB has a stake. Since 2004 alone, technology licences have generated a return of more than €3.2 million for the University of Barcelona.

BUSINESS CREATION AND SUPPORT FOR THE ENTREPRENEUR

25 active spin-offs
– 26 in 2017

18 business creation ideas received and assessed.

2 new spin-offs created
– 1 in 2017

DBGen Ocular Genomics
– Genetic diagnosis of hereditary ocular pathologies.
Colorsensing
– Colour correction in digital images.

Spin-off shareholdings through UB Innovative and Scientific Culture, SLU (CIC-UB):

Advanced Nanotechnologies, SL; Biocontrol Technologies, SL; Bluephage, SL; Braingaze, SL; Colorsensing, SL; Cytes Biotechnologies, SL; Dapcom-Data Services, SL; DBGen Ocular Genomics, SL; Enantia, SL; Enlighting Technologies, SL; Impetux Optics, SL; Iproteos, SL; Nostrum Biodiscovery, SL; Smalle Technologies, SL, and Virtual Bodyworks, SL.

Spin-off shareholding through the Bosch i Gimpera Foundation: Bluephage, SL.

Funding obtained

Bluephage, Impetux Optics, and Iproteos have managed to secure €1.55 million in funding including capital increases and convertible loans. Colorsensing and Virtual Bodyworks have been awarded a Phase 1 SME Instrument grant..

Awards

In 2018, we should highlight the ACCIÓ award from the Paris office granted to Bluephage at the 2018 Health Investment Forum. Bluephage's product portfolio is interesting for the needs of water management in France, where there is already a regulation to assess bacteriophages in certain types of water. In another area, Colorsensing won the first Incit'up 2018 prize, awarded by the Foodservice Cluster.

RESEARCH GROUPS AWARDED THE TECNIO CERTIFICATION

Centre for the Design and Optimization of Processes and Materials (DIOPMA), Centre of Microsystems Engineering for Instrumentation and Control (CEMIC), Centre for the Production and Validation of Advanced Therapies (CREATIO), Thermal Projection Centre (CPT), Centre for Research on Cellular and Molecular Technology (CELLTEC), Centre for Toxicology Research (CERETOX), Data Science (DS@UB), Applied Mineralogy and Environment (MAiMA), and the Drug Development Service (SDM).

This certification, granted by the Generalitat de Catalunya with the support of ACCIÓ, identifies research groups that develop differential technology for companies or facilitate its use.

Total turnover: €6.8 million

Funding source: 53% public – 47% private

2 priority patent and PCT applications



MANAGEMENT OF RESEARCH AND KNOWLEDGE TRANSFER PROJECTS

“

The FBG is a very agile structure of the University of Barcelona that generates a space to promote and manage research in a very efficient way”.

Daniel Prades

Department of Electronics and Biomedical Engineering, Faculty of Physics

(excerpt from an interview conducted in February 2018)



— Annual volume managed

28.89

MILLIONS OF EUROS

Revenues from activities

€14.70 million correspond to revenues from projects and €14.19 million to grants.

29 in 2017

852

People hired in 2018

As for the Occupational Safety and Health Service, its personnel visited 27 companies and assessed 19 work centres.

801 in 2017

— Collaboration agreements

BCNGenèrics SA - Agreement on business collaboration in activities of general interest related to research and knowledge transfer on the responsible use of medicines (antibiotics) among the population.

Innovative and Scientific Culture SLU - Collaboration agreement with the Fund for the Promotion of Innovation (F2I).

“La Caixa” Banking Foundation Caixa d’Estalvis i Pensions de Barcelona - Collaboration agreement to promote the development of the project “Bioethics: ethical, legal and social implications of biotechnologies”.

Barcelona Zoo Foundation

- Collaboration agreement related to the development of the project “Indirect effects of fishing on endangered marine predators in the River Plate (Argentina and Uruguay).”
- Collaboration agreement related to the development of the project “Effect of climate change on the trophic niche of Mediterranean terminal predators”.
- Collaboration agreement related to the development of the project “Development of the research line of ONE HEALTH”.
- Collaboration agreement related to the development of the project “Research on the biodiversity of the city of Barcelona using birds as indicators”.

Knowledge and Development Foundation - Collaboration agreement in activities of general interest FCYD - FBG to promote research on all those activities related to the social function of higher education and, in particular, to aspects associated with the contribution of the University to development.

Foundation for Energy and Environmental Sustainability

- Business collaboration agreement in activities of general interest between the FBG and FUNSEAM, with the aim of regulating the collaboration between the FBG and FUNSEAM to promote activities related to the social function of knowledge transfer and the university-industry relationship in the field of energy and environmental sustainability.

IZASA - Business collaboration agreement in activities of general interest to sponsor the thirty years of activities of the Scientific-Technological Centres of the University of Barcelona.

Òmnium Cultural - Business collaboration agreement in activities of general interest to fund the SIRECOVI project.

Societat General d’Aigües de Barcelona, SA

- Collaboration agreement regarding the economy, research, and public policies related to the provision of public water services.



GRANTS

Annual contracted revenue

15.81

MILLIONS OF EUROS

14.81 in 2017

63

GRANTS

114 in 2017



— Public and private grants

43 grants awarded both by public institutions and private institutions and companies.

€4.23 million.

In 2018, the four projects with the highest turnover were:

€1.33 million for the project “Promotion of innovation, valorisation, and knowledge transfer” (REINNOVA UB - FBG). This grant was co-funded by the European Regional Development Fund (ERDF) with the support of the Secretary of Universities and Research of the Department of Business and Knowledge of the Generalitat of Catalonia.

€825,704 euros for “Software Fallo 0”, a project aimed at developing error-free software. This initiative falls under the Retos Colaboración call of the Spanish Ministry of Science and Innovation and Universities and is co-funded by the European Regional Development Fund (ERDF).

€438,100 to develop new therapies to repair the heart after a myocardial infarction. This grant was awarded through the first open and competitive call for biomedical research launched by the “la Caixa” Banking Foundation.

€243,494 for TERMOVOLCAN, a project to promote the exploration of the geothermal resources of the Canary Islands. This initiative falls under the Retos Colaboración call of the Spanish Ministry of Science and Innovation and Universities and is co-funded by the European Regional Development Fund (ERDF).



— Research grants awarded by the European Commission

20 projects

€11.58 million

- 13 projects funded by the Framework Programme, with a revenue of €9.48 million, including five ERC projects:
 - 3 Advanced Grants awarded to Dr. Melvyn Slater (Faculty of Psychology), Dr. Margarita Díaz-Andreu (Faculty of Geography and History), and Dr. Rosa Maria Albert (Faculty of Geography and History) as an Associate Partner.
 - 1 Consolidator Grant awarded to Dr. Anna Alberni (Faculty of Philology).
 - 1 Starting Grant awarded to Dr. Joshua Shepherd (Faculty of Philosophy).
- 7 projects funded by other offices with a revenue of €2.1 million.



PROMOTING UNIVERSITY-SOCIETY COLLABORATION

“

The FBG is a necessary instrument for our university, especially in order to open a door and make the industrial world much more accessible to us. Without the FBG there was a lot of rigidity in the processes involved in R & D transfer, and in this sense it is a very important element. Some of the projects in which we have participated stem from the Foundation's dissemination action, and that's a role that should be enhanced”

Javier Luque

Research group in Computational Biology and Drug Design, Faculty of Pharmacy and Food Science
(excerpt from an interview conducted in January 2018)



SCIENCE + PARTNERS

In 2018, we hosted the fourth edition of the Science + Partners event, which brought together specialists from the business world and researchers who carry out projects in the field of health sciences. For thirty-five minutes, researchers presented their innovations and received questions and comments from investors.

The event focused on four projects of the University of Barcelona: “New HRI Activator for the treatment of type 2 diabetes and associated metabolic diseases,” led by Dr. Manel Vázquez; “Alzheimer’s disease: new target and compounds,” led by Dr. Carmen Escolano; “Pediatric formulation for the treatment of tuberculosis,” led by Dr. Josep Maria Suñé; and “Hybris: facing organ rejection and autoimmune diseases,” led by Dr. Josep Maria Grinyó.

“For an academically trained researcher like me, it is essential to receive opinions from professionals, which helps us advance our project towards valorisation”

Carmen Escolano, Faculty of Pharmacy and Food Science.



The invited partners formed a diverse committee of industry experts, including Isabel Amat, Head of Pipeline Innovation and Management at Reig Jofre; Clara Campàs, partner and co-founder of ASABYS Partners; Josep Lluís Falcó, CEO and founder of Genesis Biomed; Andrés G. Fernández, director of Ferrer Advanced Biotherapeutics; Laura Rodríguez, investment analyst at Healthequity SCR; Sylvain Sachot, associate investor at Ysios Capital; and Giacomo de Simone, life sciences investment analyst at Caixa Capital Risc.



“Science + Partners is a great initiative of the FBG, as it offers a first overview of early-stage projects clearly intended to be transferred by top-level researchers”

Laura Rodríguez, Healthequity SCR.

FUND FOR THE PROMOTION OF INNOVATION



€130,000 to foster the innovation and transfer activities of the researchers of the University of Barcelona.

Third edition of this call, which includes two types of grants: the **Valorisation Fund grant**—endowed with €100,000—aims to fund proofs of concept of research projects, and the **Mentor in Residence** scheme—with a total budget of €30,000—aims to promote the creation of new spin-offs by providing the funds to hire a mentor to complement the entrepreneurial team.



Awards granted in the 2018 call

— Valorisation Fund

- **Dr. Xavier Barril Alonso (Faculty of Pharmacy and Food Science).**
“TET2 Modulation for Myelodysplastic Syndrome (MDS) and Other Diseases”.
- **Dr. Josep M. Grinyó (Faculty of Medicine and Health Sciences, Bellvitge Campus).**
“Dual Costimulatory Targeting in Psoriasis and Autoimmune Disorders”.
- **Dr. Mario Montes Usategui (Faculty of Physics).**
“Super-Fast and Flexible Digital Confocal Microscope”.
- **Dr. Humbert Salvadó Cabré (Faculty of Biology).**
“Automated counting of filamentous microorganisms”.

— Mentor in Residence

- **Dr. Xavier Barril Alonso (Faculty of Pharmacy and Food Science).**
“TET2 Modulation for Myelodysplastic Syndrome (MDS) and Other Diseases”.
- **Dr. Josep M. Grinyó (Faculty of Medicine and Health Sciences, Bellvitge Campus).**
“Dual Costimulatory Targeting in Psoriasis and Autoimmune Disorders”.
- **Dr. Manuel Vázquez Carrera (Faculty of Pharmacy and Food Science).**
“HRI activators for nonalcoholic steatohepatitis”

FROM SCIENCE TO MARKET

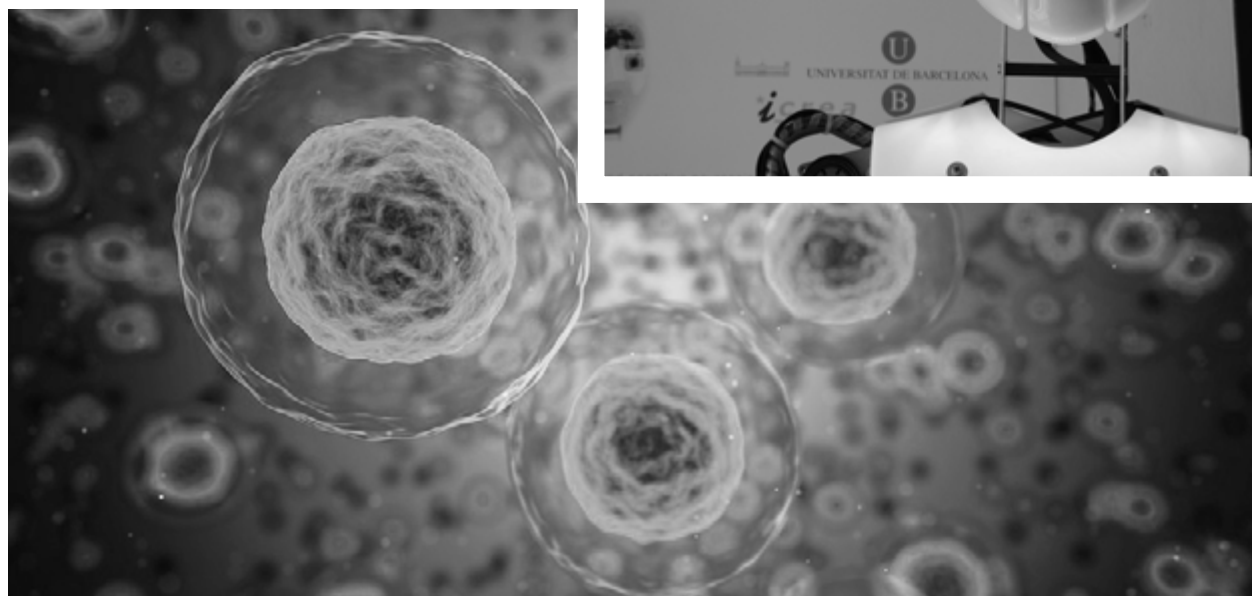
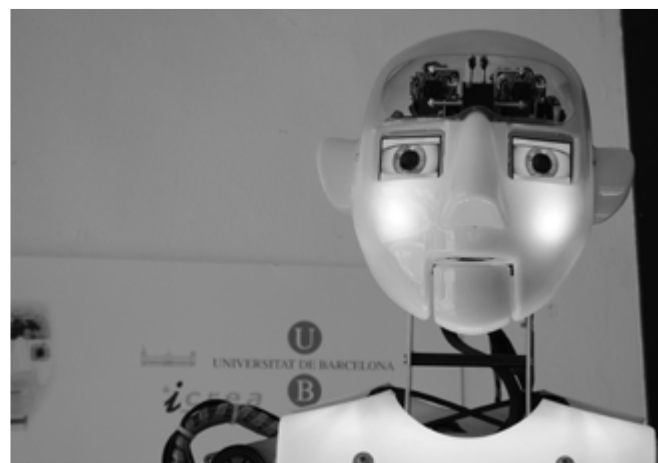


This programme is aimed at promoting technology and knowledge transfer and is jointly organised with the UAB and the UPC. The programme is supported by the Department of Business and Knowledge of the Government of Catalonia and co-funded by the European Social Fund through the Catalonia Entrepreneurship Programme.

Twenty-eight master's and doctoral students from thirteen different countries took part in this second edition. They received 120 hours of training in subjects related to knowledge transfer and business creation, and more than 125 hours of personalised tutoring.

Initiatives arising from this programme include:

- **Mitiga Solutions**
- **Sensorial Processing Tech Barcelona**
- **Zymvol Biomodeling**
- **Novameat**
- **Meetoptics**



SOCIAL INNOVATION LABORATORY

In 2018 we have launched a new project —the Social Innovation Laboratory— with the aim of innovating in terms of social challenges through the collaboration of all the actors involved. Seminars have been organized in the field of humanities and social sciences, in which the characteristics and functioning of the Social Innovation Laboratory are explained to the research staff of the University of Barcelona.

“The Social Innovation Laboratory allows us to work on current social challenges by bringing together the best researchers from different disciplines and the social actors involved. Combining the different fields of knowledge and the different perspectives that affect a social problem provides a creative and informed context in which to generate new solutions to complex problems”

Francesc Benlliure, Bosch i Gimpera Foundation



OTHER DYNAMIZATION ACTIVITIES

UB-TECNIO, a workshop to publicize the technological offer of TECNIO centres in the areas of Food and Health Sciences and Industrial Systems.

An activity to promote CDTI instruments for the funding of R&D&I business activities in the field of biohealth.

Meeting of the Council of the ATTP (Alliance of Technology Transfer Professionals), organized by the FBG in Barcelona, with representatives of twelve international technology transfer associations, including RedTransfer.

A session to publicize novelties in NEOTEC grants.

MedTeX, acceleration program co-funded by ACCIÓ. A proposal promoted by the Barcelona Science Park, the Bosch i Gimpera Foundation and the Barcelona Entrepreneurship Institute for emerging companies with an innovative project in the sector of medical devices and digital health. For five months, a total of eleven emerging companies will receive free training, mentoring, and advice from 23 mentors and experts in different strategic areas. Eleven companies have been selected for this first edition of the programme: ADmit Therapeutics, Cornea Project, CreatSens Health, Kiversal, GlyCardial Diagnostics, MJN Neuroserveis, Moirai Biodesign, Onalabs Inno-Hub, Tecnologia Regenerativa QREM, Sens Solutions, and USMINA.

A session aimed at researchers from the Mundet campus to explain the particularities of working for companies and institutions from the University and the support offered by the FBG in this field.

A session to make researchers from the Faculties of Philosophy and Geography and History aware of how the FBG can help them make their research have an impact on society.

TRADE FAIRS

Mobile World Congress; 4YFN; BioEUROPE Spring; Alimentaria/Hostelco; Forum TurisTIC (B-Travel); Livestock/Foodtech/Hispack; SIL; Sonar+d; BioSpain; IOT/HEALTHIO; Smart City.



AWARDS OF THE SOCIAL COUNCIL OF THE UB AND THE FUNDACIÓ BOSCH I GIMPERA

— Antoni Caparrós Prize, for the best knowledge transfer project

Ana M. Fernández Planas for the development of automatic speech evaluation tools for the Chiara virtual learning environment.

The collaboration between the Phonetics Laboratory of the UB, led by Ana M. Fernández Planas, and the company Madrid Team Training has allowed the development of an application called Chiara. This application allows users to follow a practical course on oral expression techniques in a completely autonomous way and without the intervention of any teacher, so anyone with a smartphone and virtual reality glasses can improve their ability to speak in public. Chiara analyses the presentations made by the user during the course and automatically evaluates whether or not this person is a good speaker; in addition, it gives them the necessary information to improve their public performance.

Ana Inés Fernández Renna for the project “Transferring knowledge to a multinational company that is a leader in technological development is possible. A case in the energy sector”.

The project is a collaboration in the field of solar thermal plants, which generate energy from concentrated solar radiation that is converted into steam or hot air. The joint work of the DIOPMA Research Group of the University of Barcelona and the company Abengoa has been key to building the first commercial plant with cylinder-parabolic technology and molten salt storage. Within the framework of this project, DIOPMA developed a series of methodologies that helped select the materials and validate the design of the storage tanks that enable the plant, built in Arkansas (United States) in 2012, to supply electricity in a stable manner even when the sun is not shining.

— Senén Vilaró Prize, for the best innovative business

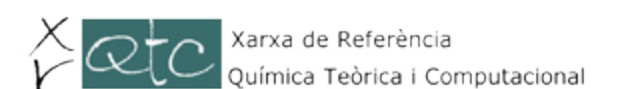
Granted to Impetux Optics, a spin-off of the University of Barcelona.

Impetux Optics, a spin-off of the University of Barcelona, is one of the few companies in the world dedicated to the manufacture of optical tweezers, a technology located at the intersection between biology, nanoscience, and photonics and for which Arthur Ashkin was awarded the 2018 Nobel Prize in Physics. This innovation, developed over the years within the Biophotonics Group of the Faculty of Physics of the UB, uses light to access environments as complex as the interior of a cell without damaging it. In addition, it makes it possible to manipulate microscopic objects in order to obtain key information, hitherto inaccessible, on the interactions that take place between them.

During the awards ceremony, recognition was given to the thirty years of continued collaboration between the University and Aigües de Barcelona, through the FBG, in research and knowledge transfer projects.

GOVERNMENT OF CATALONIA REFERENCE NETWORKS

The FBG manages six of the eight Reference Networks of the Government of Catalonia.



COMMUNICATION

“

Being a good person should be more important than being a great researcher”.

Mireia Freixa

Head of the Research Group in the History of Contemporary Art and Design (GRACMON) until December 2018, current Professor Emerita at the Faculty of Geography and History

(excerpt from an interview conducted in December 2018)



SUCCESS STORIES

Examples of technologies or products that have been developed at the UB and are being used either by a company or by a public administration.

A website to warn of the interactions derived from combining cardiovascular drugs with certain types of food.

Virtual reality to increase empathy with victims.

INTERVIEWS

We interview researchers from the University of Barcelona in order to give visibility to their projects, and to disseminate and publicize the importance of knowledge transfer to society.



“In a few years our company will likely be attractive enough to be bought”

Albert Zamora, Virtual Bodyworks



“Until recently, we didn’t have standard techniques to see whether food was virus-free or not”

Rosina Girones, Faculty of Biology



“The pharmaceutical industry has turned to the university to see what we are doing”

David Ricart, CEREMET research group



“Less than ten companies in the world manufacture optical tweezers, and we are one of them”

Mario Montes, co-founder of Impetux



“Being a good person should be more important than being a great researcher”

Mireia Freixa, Faculty of Geography and History



“We aim to design new tools that increase the success rate of new drug candidates”

F. Javier Luque, Faculty of Pharmacy and Food Science



“We make labels for packaged food that allow us to tell what is going on inside the package”

Daniel Prades, Colorsensing



“This drug could treat fatty liver and insulin resistance”

Manuel Vázquez, Faculty of Pharmacy and Food Science

ALL TOGETHER MEETING

All together meeting is an encounter of the staff of the FBG with a researcher of the University of Barcelona. It has the twofold aim of helping FBG staffers to better understand the work of researchers through the real cases of projects that they have have a hand in launching, and of letting researchers meet the FBG’s staff in person.

In 2018 we have met:



Isabel Cacho

Department of Stratigraphy, Palaeontology, and Marine Geosciences, Faculty of Earth Sciences



Mireia Freixa

Research Group in the History of Contemporary Art and Design GRACMON, Faculty of Geography and History



José Remesal

CEIPAC Research Group, Faculty of Geography and History



“We have a candidate compound that improves behaviour and cognitive deficit in two animal models”

Carmen Escolano, Faculty of Pharmacy and Food Science



“We have made it possible for people to live longer, but not necessarily better”

Elena Lauroba, Faculty of Law



“It is necessary to find a specific treatment for acute pancreatitis”

Santiago Vázquez, Faculty of Pharmacy and Food Science

THE INSTITUTION

“

Over the last twenty years I have had the pleasure of collaborating with many people from the FBG. Things that are often incomprehensibly complex within the public administration are efficiently solved within the FBG, and with a smile too. For me, the commitment and adaptability of its staff are the two main values of this institution, which has allowed me to confidently enter into such diverse aspects as the establishment of new agreements with companies, the creation of spin-offs, hiring staff, and applying for international projects. Now, as vice-rector of Entrepreneurship, Knowledge Transfer, and Innovation, I appreciate its value even more, and therefore my personal commitment is to contribute to making it a useful and valid institution for the next 35 years, trusting in its greatest asset: its people”.

Albert Cirera

Vice-rector of Entrepreneurship, Knowledge Transfer, and Innovation



BOARD OF TRUSTEES

Joan Elias i Garcia, chair

Joan Corominas Guerín, first deputy chair

Oriol Escardíbul Ferrà, second deputy chair until 24 April 2018

Ernest Pons Fanals, second deputy chair since 24 April 2018

Belén Noguera de la Muela, secretary

Albert Cirera Hernández, board member since 24 April 2018

Domènec Espriu Climent, board member

Francisco Sánchez Montero, board member until 24 April 2018

Oriol Escardíbul Ferrà, board member since 24 April 2018

Enric I. Canela Campos, board member until 31 October 2018

Àlex Aguilar Vila, board member

Carles Vivas Morte, board member

Josep Mateu Negre, board member since 23 January 2018

Josep Batista Trobalón, board member until 24 April 2018

Antonio Solanas Pérez, board member since 18 October 2018

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Luis Herrero Borque, board member until 23 July 2018

José M^a Martínez Delgado, board member since 23 July 2018

Carles Penas Babot, board member

Anicet R. Blanch Gisbert, board member

Jordi Roig Bonet, board member

WHERE ARE WE?

The Fundació Bosch i Gimpera is represented in the boards of trustees of the University School of Hospitality and Tourism (CETT-UB), and the Barcelona Science Park (PCB). We are also members of the advisory board and steering committee of the Barcelona UB Entrepreneurship Institute (BIE), jointly founded by the FBG and the UB, and members of the monitoring committee of the Energy Sustainability Chair, and the committee of the Barcelona University Centre (BCU). We also represent the UB in the Enterprise & Innovation Community of the League of European Research Universities (LERU), and we are members of the following clusters: Beauty Cluster Barcelona, Food & Nutrition, Advanced Materials, RailGrup, and Mental Health, and we joined the Kid's Cluster in December.



WHO ARE WE?

Staff of the Fundació Bosch i Gimpera.

GENERAL MANAGEMENT

M. Carme Verdaguer, general manager; Berta Serdà, secretary

Technical Office: Maria Segú, head.

Communication and Marketing: Mariona Ferrer, head.

Team: Nerea Oñate

MANAGEMENT

M. Teresa Plo, manager.

Administration, Financial Management, and General Services: Sergi Ros, head of administration; Ana Giménez, head of financial management. Team: Anna Apellániz, Digna Cárcoba, Emilio Cruz,* Yvonne Mata, Arnau Sánchez,* Daniel Pierrá, Sònia Salom, Gemma Sánchez, Eduard Savall,** Cristina Serra, Marta Tort, and Elisabeth Vico.

Human Resources, Health, and Safety: Mercè Tejedor, head. Team: Cristina Martínez,** Pili Morales, Laura Ramos, Mireia Solsona, and Sandra Tello.

Technologies: Àlex Closa, head. Team: Andreu Valls

Public and International Grants Unit: Mònica Cunill, head.

Team: Albert Casas, Pablo García**, and Víctor Linares

International Research Projects, UB-FBG mixed office: FBG - Financial management: Xavier Gutiérrez, head.

Team: Heura Boix, Anna Ferrando, Sheila López, Sandra Martín, Begoña Navarrete, and Anna Rovira

INNOVATION AND KNOWLEDGE TRANSFER

Lurdes Jordi, director

Contract Research: Salvador Mena, head.

Valorisation and Licensing: Inma Íñiguez, head.

Business Creation: Esther Riambau, head (until 16 February) and Jose Conde, head (since 17 February)

Contracts: Gemma Casamitjana, head.

Innovation and Knowledge Transfer team: Francesc Benlliure, Laia Crespo, Isabel Durán, Belén Gámez, Alba Ginés,* Raquel Jiménez, Eva Martín, Nil Neira, Gloria Roselló, and Dolors Vega

STAFF RELATED TO THE REFERENCE NETWORKS OF THE GOVERNMENT OF CATALUNYA

Anna Alsina,** Pablo Bou, Silvia Chellini, Gemma Hernández, Karsten Kruger, Josep Pascual, and Lali Sanz.

(*) Interns
(**) Replacement of staff on maternity or temporary incapacity (TI) leave, voluntary resignation, or retirement