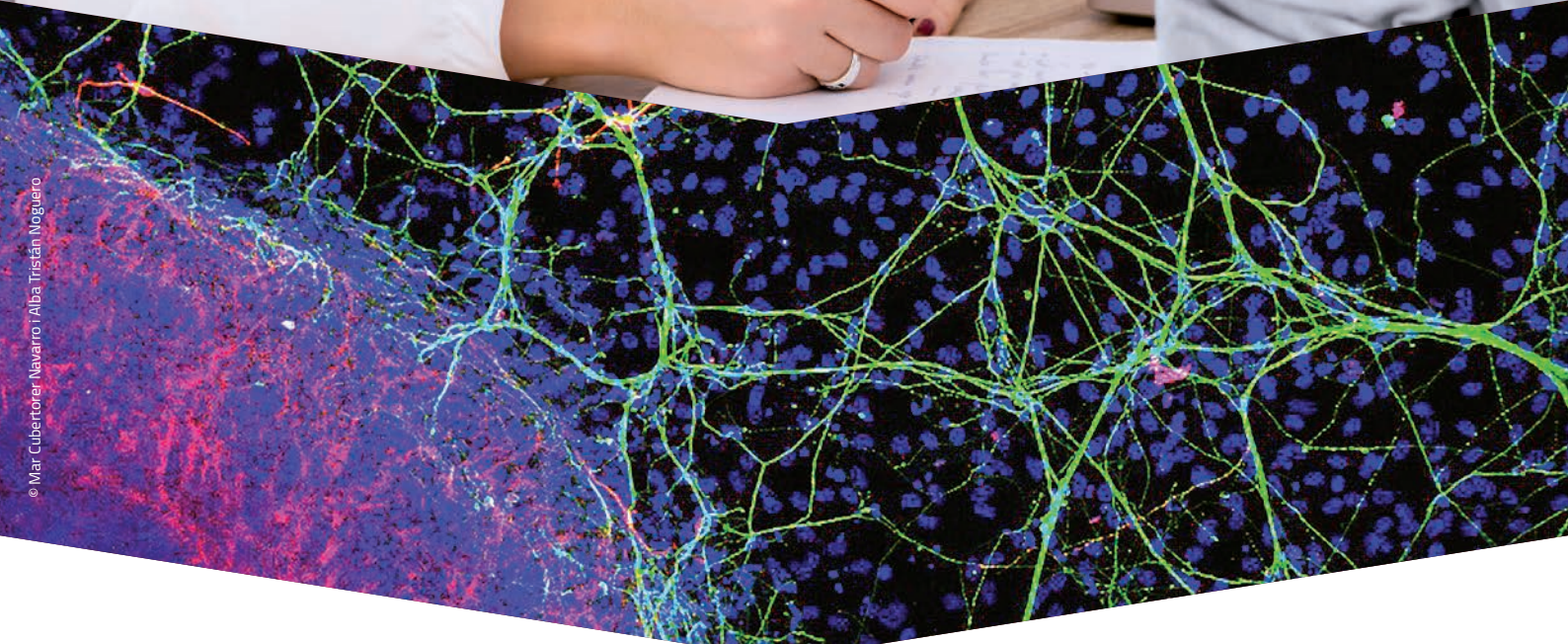




IDI BELL

Bellvitge Biomedical
Research Institute

LIFE-CHANGING RESEARCH



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Salut/  **ICO**
Institut Català d'Oncologia

 **Bellvitge**
Hospital Universitari

 **Hospital**
de Viladecans

 **UNIVERSITAT DE**
BARCELONA

 **Generalitat**
de Catalunya

 **Ajuntament de L'Hospitalet**

 **Institució**
CERCA
Centres de Recerca
de Catalunya



“People’s health is our motivation”

Dr. Gabriel Capellà, Director

IDIBELL offers society and research professionals a unique scientific environment that promotes health sciences and top-quality research. Research focused on the real needs of patients, innovation, dialogue with society and progress in personalizing medicine are the driving forces of our work and our motivation to continue improving people’s quality of life.

In a privileged, interdisciplinary environment, we work to ensure that IDIBELL continues to be a benchmark biomedical research institute in the European research area, while remaining deeply rooted in its own territory. To achieve this goal, we rely on the talent and dedication of our professionals, who are the key element for succeeding in our purposes.

THE INSTITUTE

IDIBELL is made up of more than a thousand researchers who work to transfer the scientific knowledge generated in their laboratories into medical solutions that result in improving patients’ health. The Institute’s professionals are organized into four major thematic areas -cancer, neurosciences, translational medicine, and regenerative medicine- and nine research programs, all of them with a cross-sectional perspective.

Located in Bellvitge, one of the country’s strongest health, research, and education ecosystems, IDIBELL is a consolidated excellence hub based on research that originates from both hospital (Bellvitge University Hospital and Catalan Institute of Oncology) and academic (University of Barcelona) settings. It is part of the CERCA Institute, is accredited by the Carlos III Health Institute and is a member of the University of Barcelona’s Campus of International Excellence HUBc.



MISSION

To develop applied research of excellence that integrates knowledge and innovation into health, contributing to the improvement of people’s quality of life.

VISION

To become a European benchmark in health sciences, deeply rooted in our local environment and contributing to its growth by recruiting and retaining talented researchers.

VALUES

Integrity, Commitment, Passion, Aspiration, Transparency and Confidence.



OUR STRENGTH



Anna Veiga | Regenerative Medicine

“IDIBELL is a benchmark center with a multidisciplinary and cross-sectional scientific approach. We work to position us at the forefront of biomedicine and improve people’s quality of life”



Rafael Mañez | Translational Medicine

“One of our main missions is to transfer progress to society. We innovate, create wealth, and apply knowledge to improve health”



Josep Maria Piulats | Cancer

“Bellvitge has an enormous human potential, favored by the confluence of important health, research and teaching infrastructures on a single campus”



Mònica Povedano | Neurosciences

“Conducting research in close contact with patients, their relatives and associations allows us to define objectives that respond to real needs”

AN ENVIRONMENT FOR GROWTH

SEMINARS The Institute offers researchers an extensive program of activities to promote the exchange of knowledge and collaborations between the different teams on campus and with scientists of international relevance.

PHD DAY A forum for the dissemination of research between predoctoral researchers and the rest of the research community to facilitate interactions, mutual knowledge and promote interdisciplinary collaborations.

CAREER DAY An event where experts with different professional profiles share their experiences and offer their perspective in order to inform early stage researchers on all the professional opportunities.

ARETÉ IDIBELL’s staff benefits from an extensive educational and training program, which promotes cross-disciplinary knowledge, intellectual abilities, personal qualities, and teamwork skills.

HRS4R IDIBELL has received the European Union’s “Excellence in Human Resources in Research” award in recognition of its ongoing commitment to improving institutional human resources policies and practices.

WE ARE IDIBELL



+ 1600

people
60% women
and 40% men



+ 70

research groups



250

principal investigators



+ 1200

scientific articles
per year



5,40

average impact
factor
58% Q1 24% D1



130

new funded
research projects
per year



+200

new clinical trials
each year



+ 60

doctoral theses
each year



150

news items
per year



30M €

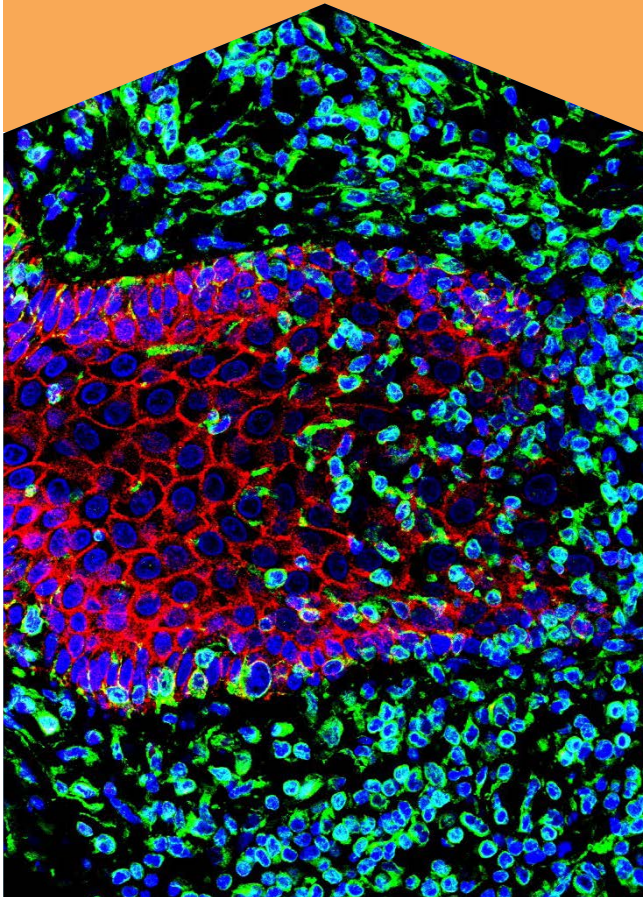
annual budget



IDIBELL'S RESEARCH

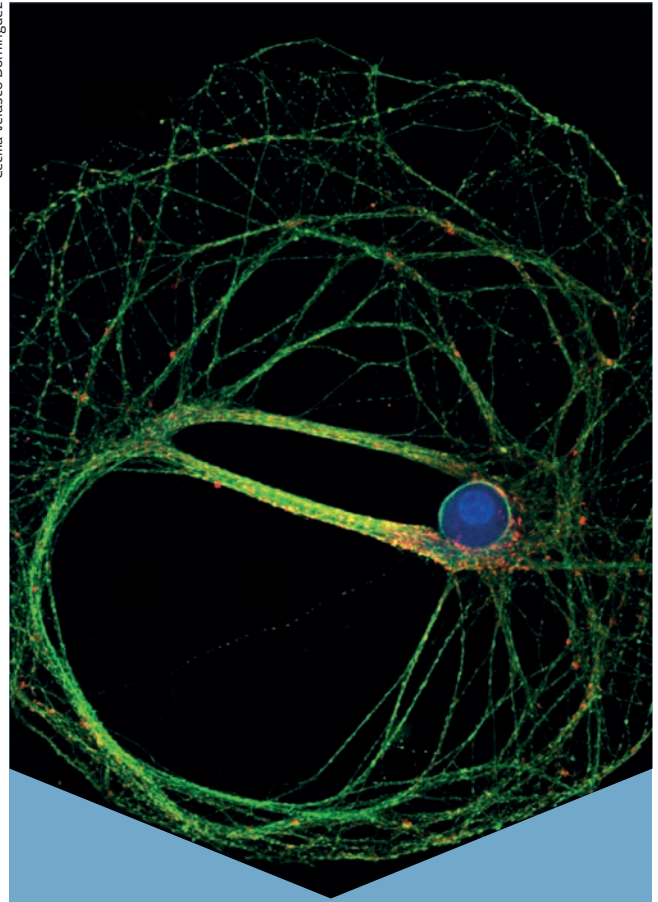
CANCER

IDIBELL's cancer research area is made up of two research programs: the Molecular Mechanisms and Experimental Therapy in Oncology Program (Oncobell) and the Epidemiology, Public Health, Cancer Prevention and Palliative Care Program (Epibell). This area encompasses 27 research groups and approaches this disease from both molecular aspects and new therapies to population and prevention studies. The Oncobell program studies cancer using two approaches: basic research and clinical application through the definition of unresolved medical needs for each disease. Its interaction accelerates the process of transfer from the laboratory to medicine. The Epibell program develops projects and research studies related to the causes of cancer and its prevention, to early diagnosis and to the evaluation and improvement of cancer care quality.



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NEUROSCIENCES

The IDIBELL neurosciences program studies a wide variety of neurological and psychiatric diseases. It also investigates the molecular and cellular basis of neurotransmission and brain plasticity. The program places a strong emphasis on translational research by: implementing new neuroimaging and genomic techniques, finding new pharmacological targets, developing biomarkers, making progress in neurorehabilitation, and studying the use of stem cells. IDIBELL has 12 neuroscience research groups that share the mission of furthering knowledge to improve people's health and quality of life. The Neurological Tissue Bank, both nationally and internationally renowned, is one of the program's core strengths.



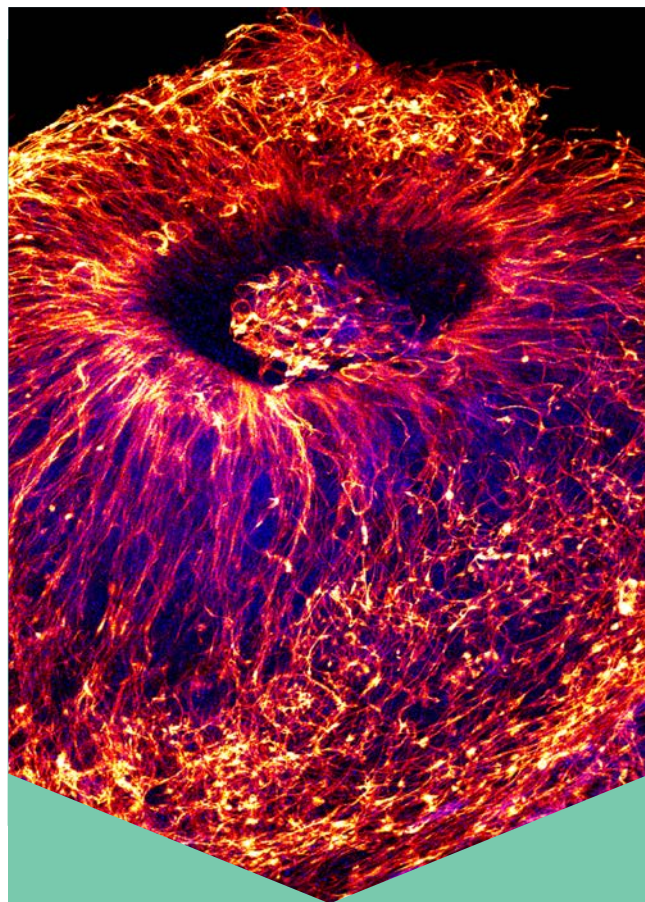
Four thematic areas and nine research programs

TRANSLATIONAL MEDICINE

Translational medicine aims to facilitate the transfer of basic research into clinical applications that have an impact on people's health. IDIBELL has 5 research programs within the Translational Medicine area, which encompass 25 multidisciplinary groups working under the umbrella of this perspective to health research. The addressed topics include experimental and clinical approaches, diseases such as infections, improving their detection, diagnosis and treatment processes, metabolism-related diseases such as diabetes, obesity, and digestive pathology, using innovative therapies capable of having a global impact, or cardiovascular and respiratory diseases, generating cross-sectional knowledge to solve day-to-day healthcare problems. One of the highlights of this area is the genetic approach to disease and transplants, using genomic, transcriptomic, and proteomic strategies.



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REGENERATIVE MEDICINE

IDIBELL's Regenerative Medicine Program integrates research aimed at replacing cells and tissues damaged or lost as a result of degenerative diseases. It is based on the use of human pluripotent stem cells and cell and tissue therapy. The program, made up of 7 research groups, also conducts basic studies in developmental biology with different animal models to understand the mechanisms of organogenesis and cell, tissue and organ regeneration. IDIBELL's regenerative medicine program researchers are also members of the Program for advancing the Clinical Translation of Regenerative Medicine of Catalonia (P-CMR [C]), which aims to make progress in the clinical translation of regenerative medicine strategies, and works in coordination with the Cell Line Bank.





SCIENTIFIC AND TECHNICAL SERVICES

Research excellence requires the existence of a series of state-of-the-art equipment, with specialized technical staff to provide support and advice to the research community. IDIBELL's scientific and technical services include the following units:

- Mouse and fish facility
- Mouse lab
- Advanced cell and tissue cultures
- Histology
- Bioimaging
- Flow cytometry
- Molecular biology
- Molecular interactions
- Common Services



BIOINFORMATICS

The Bioinformatics Unit's mission is to provide all campus researchers with scientific advice, methodological support, and bioinformatics technology resources to improve both the number and quality of research projects using omics data.



THE CELL LINE BANK

The Barcelona Cell Line Bank (BLC-B) generates human pluripotent stem cells (both embryonic and induced pluripotency) for research and future clinical application. It derives, characterizes, banks, and registers the lines for use by international and national scientists.



THE BIOBANK

The HUB-ICO-IDIBELL Biobank receives, processes, stores, and distributes surplus biological diagnostic samples, and their associated data, for biomedical research, always complying with technical and quality criteria, and guaranteeing all ethical and legal requirements. The Biobank makes biological samples of major scientific interest available to the research community, this way contributing to the development of highly valuable knowledge in biomedical research.



CLINICAL RESEARCH

IDIBELL's objective is to support the community in the different tasks involved in the translation of knowledge to the health system: launching and executing clinical studies, or acting as a promoter of clinical trials, for the purpose of adding value to the research activity.

- Clinical Research Execution Unit-[HUB-IDIBELL].
- UICEC-SCReN (Clinical Research and Clinical Trials Unit)
- UBiDi (Biostatistics Unit)
- Clinical Trials Unit
- Pharmacy Unit-HUB
- Clinical Research Unit-ICO
- Clinic-ICO



WE INNOVATE: we put research into serving health

IDIBELL promotes innovation among its professionals and accompanies them throughout the process of transferring research results to the market and, therefore, to society. To achieve this, it detects innovative projects, evaluates them, and advises professionals to ensure that the knowledge they generate has a real impact on society's health and welfare.

The hospital environment that IDIBELL works in is an excellent ecosystem for generating new ideas and results that are highly transferable to the industry. In this regard, the Institute has a comprehensive portfolio of innovative projects in different areas of research, in different stages of maturity, from which we work to generate collaborations with the industry and to obtain potential licensees.

Throughout its history, IDIBELL has participated in the creation of several spin-off companies, born to develop and exploit products or services based on technologies and knowledge from research generated within the Institute.



+140
active
patents



+600
active
clinical trials



+300
innovative
projects

EXPERIENCE OUR RESEARCH

As a generator of biomedical and health knowledge, IDIBELL is committed to science dissemination and education and the social return of the investment in research. Our educational and outreach programs include the Sinergia open house, lecture series on the impact of research on medical practice, audiovisual programs, guided tours of the laboratories, a city educational project, participation in scientific outreach events and festivals, and the promotion of cross-disciplinary projects with cultural agents in the field of artistic creation. All this with very clear objectives: to encourage critical thinking, promote vocations in research and foster support for scientific culture as a driving force for wellbeing and change in the social and economic model.



Enjoy all our dissemination content on the web:
sinergia.l-h.cat

In collaboration with:



IDIBELL's communication and dissemination actions are carried out by its Scientific Culture and Innovation Unit, accredited by the Spanish Foundation for Science and Technology.



IDIBELL is based in Bellvitge, in L'Hospitalet de Llobregat, and is part of one of the most important poles of research, medical care and teaching in southern Europe.



IDIBELL

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Research Institute

COLLABORATE WITH IDIBELL

Every day, thousands of people fight against cancer, Alzheimer's disease, behavioral disorders, diabetes... With your support, we can continue working to get a better understanding of each disease, make progress in ways to prevent and treat them and, ultimately, strive to improve patients' health and quality of life.

**IF YOU BELIEVE THAT RESEARCH SAVES LIVES,
HELP US MAKE IT POSSIBLE!**

**VISIT OUR WEBSITE AND MAKE
YOUR CONTRIBUTION:**

idibell.cat/en/scientific-culture/support/



You can also contact us by emailing us at
fundraising@idibell.cat
or calling us at 932 60 72 82

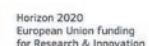
AWARDS



MEMBER OF



MAJOR FUNDERS



INTERNET: | WEB: idibell.cat/en | MAIL: info@idibell.cat

TLF: +34 93 260 77 75 | Hospital Duran i Reynals. Gran Via de L'Hospitalet, 199. 08908 L'Hospitalet de Llobregat