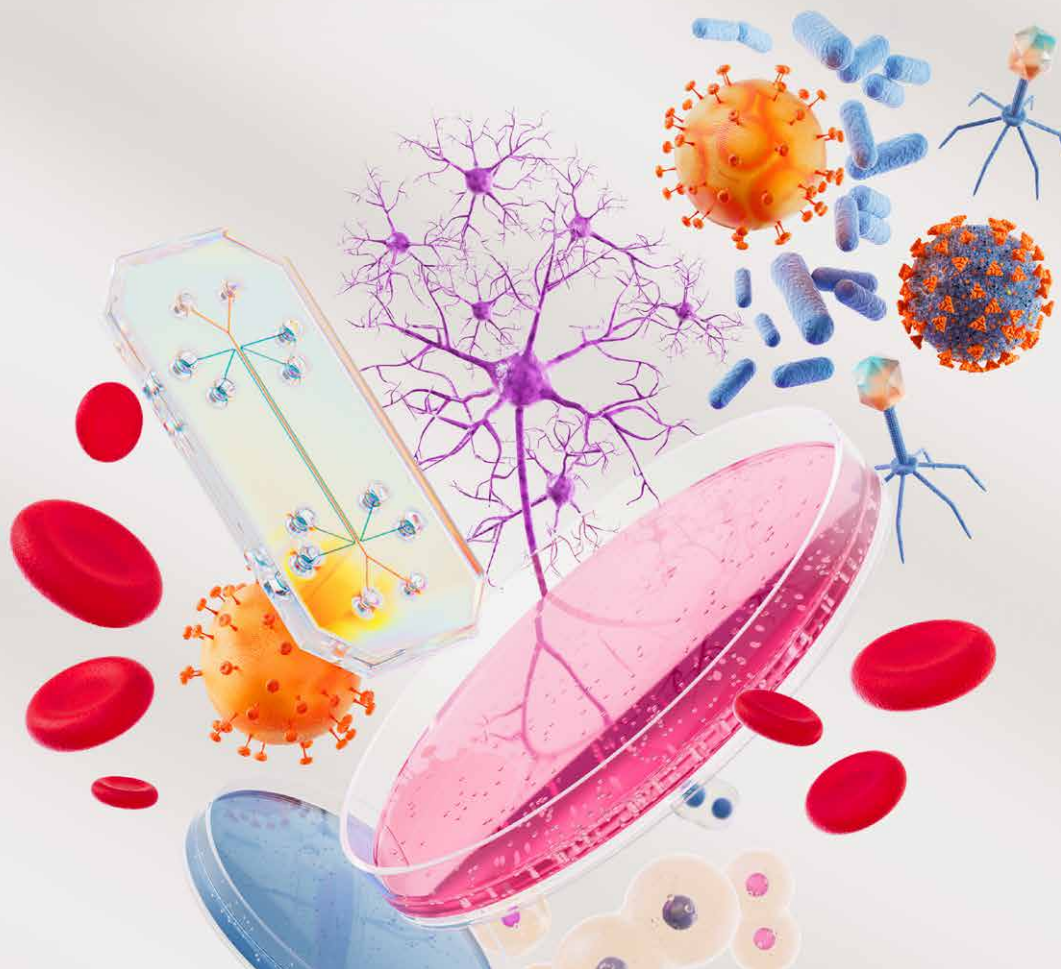


Research today, *health tomorrow*





Research *and* health

Health is a fundamental right for everyone and investing in knowledge, research and innovation in biomedicine is the best way to contribute towards the health of tomorrow.

That's why, at "la Caixa" Foundation, we support research and innovation in health to build a healthier and more advanced society, based on knowledge.

Here are some examples of how we promote research, innovation and scientific talent through different programmes and initiatives:

- We promote advances in biomedicine and health in Spain and Portugal to contribute new knowledge and new solutions for the most prevalent diseases —oncological, cardiovascular, infectious and neurodegenerative— as well as rare diseases that affect children, with a multi- and interdisciplinary approach to clinical and social challenges and focusing on new technologies.
- We support research groups linked to research centres, universities and hospitals, which can apply for research and innovation grants in our competitive calls for proposals.
- We are strengthening our commitment to research in biomedicine and health with the launch of the new CaixaResearch Institute. It will be Spain's first major multi- and interdisciplinary research centre specialising in the immunology of diseases and one of the first in Europe.
- We encourage the training of young students and researchers with the greatest potential so they can be trained at the world's best universities and research centres through our Fellowship programme.



Research and health

The science *that* drives progress

Thanks to our initiatives to support research and innovation in biomedicine and health, we've established an extensive network of researchers linked to research centres, hospitals and universities who are working on excellent projects with a great clinical and social impact and the potential to transform.

AIMS:

- **Accelerate** advances in scientific research in the area of life and health sciences
- **Transfer** the results of scientific and biomedical research and innovation to the whole of society
- **Foster** the talent of researchers in the area of health and biomedicine
- **Strengthen** top-class health research institutions.

2023 DATA:

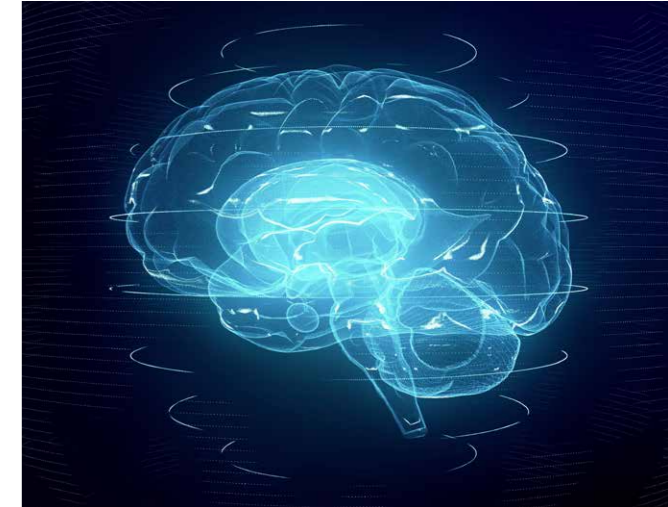
773
researchers

1,245
scientific articles



The research *that* helps us to advance

We support research and innovation in biomedicine and health and we do so by prioritising transformative projects in Spain and Portugal that contribute new scientific knowledge and new medical solutions related to the most prevalent diseases, with a multi- and interdisciplinary approach to society's challenges and focusing on new technologies.



AREAS:

- **Infectious diseases, immunology and global health**
- **Oncology**
- **Neuroscience and neurodegenerative diseases**
- **Cardiovascular and metabolic diseases**
- **Rare diseases that affect children**
- **Enabling technologies and medical science**

For more information, visit
caixaresearch.org

CaixaResearch Research

Research projects in *biomedicine and health*

We support projects in Spain and Portugal through our Health Research Call.

This is the most important philanthropic call on the Iberian Peninsula in terms of the size of its grants and the quality and excellence of its evaluation processes (involving over 2,500 international evaluators) to select transformative projects with an impact on society. Its aim is to promote the best initiatives that help to combat the illnesses that cause the greatest impact in the world, such as cardiovascular, neurological, infectious and oncological disease.



CAIXARESEARCH HEALTH RESEARCH CALL:

Call aimed at promoting research projects in biomedicine and health with the potential to transform and impact society, whether in basic, clinical or translational research.

>>> Application period: from 16 September to 7 November 2024.

With the support of:
fct Fundação para a Ciência e a Tecnologia

FUNDACIÓN LUZÓN
 UNIDOS CONTRA LA ELA

CAIXARESEARCH DEBATES

A cycle of informative debates, aimed at the general public, which serves as a meeting point between society and the results from research, new practices in medicine and today's challenges in health.

The debates are held between researchers with fellowships from "la Caixa" Foundation and are streamed online to ensure they can be followed from anywhere in Spain. To date they have been viewed over 150,000 times.

CAIXARESEARCH HEALTH RESEARCH CALL, IN FIGURES (2018-2023):

3,703
 projects submitted

170
 projects supported
*22 projects subsidised by the FCT

825
 scientific articles

2 TYPES OF PROJECT:

Individual: up to €500,000

Consortium (2-5 research organisations): up to €1,000,000

GEOGRAPHICAL DISTRIBUTION:



CaixaImpulse Innovation

Innovation and *transfer to society*

Through our CaixaImpulse Health Innovation programme, "la Caixa" Foundation supports cutting-edge research in biomedicine and health with the aim of accelerating its results from the laboratory to patients through creating new solutions, treatments, products and companies. This initiative is carried out in collaboration with Caixa Capital Risc and in partnership with the Fundação para a Ciência e a Tecnologia (FCT) of the Portuguese Ministry of Science, Technology and Higher Education.


This programme is groundbreaking and has been considered a benchmark in its field since it was first set up. The innovation ecosystem has undergone major changes in recent years. Consequently, in 2023 an evolution of the CaixaImpulse programme was launched, acquiring greater scope, agility, flexibility and offering more funding, as well as expert support adapted to the needs of each initiative and for a longer period of time.

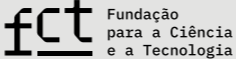


CAIXAIMPULSE HEALTH INNOVATION CALL:

Call that helps to pass on scientific knowledge to society and encourage the creation of products, services and spin-offs related to life sciences.

>>> Call 2024. Application period: from December 2024 to February 2025.

In collaboration with:
 Caixa Capital Risc

With the support of:
 Fundação para a Ciência e a Tecnologia

STRATEGIC PROJECTS

Remarkable projects with a great impact and potential to transform which, due to their characteristics, require specific support.

Some outstanding examples:

- Cancer Immunotherapy Research Unit (Hospital Clínic de Barcelona)
- Artificial Placenta. BCNatal (Sant Joan de Déu Hospital and Hospital Clínic de Barcelona)
- Translational Research and Innovation Programme (TRIP). Institute for Research in Biomedicine (IRB Barcelona)



CAIXAIMPULSE HEALTH INNOVATION PROGRAMME, IN FIGURES (2015-2023):

200
projects supported

42
spin-offs created

99
patents produced

3 TYPES OF PROJECT:

Phase 1: up to €50,000 per project. Proof of concept and intellectual copyright

Phase 2: up to €150,000 per project. Validation, development, design of a prototype

Phase 3: up to €500,000 per project. Strategies for financial viability, business model

GEOGRAPHICAL DISTRIBUTION:



Strategic collaborations

Structural support for research and health institutions

"la Caixa" Foundation" works together with research centres and hospitals to generate new biomedical knowledge and pass it on to society.

IrsiCaixa

AIDS Research Institute

IrsiCaixa AIDS Research Institute

For more than 25 years, "la Caixa" Foundation has been promoting IrsiCaixa, an international benchmark for research into HIV/AIDS and other emerging diseases.

ISGlobal

Barcelona
Institute for
Global Health

Barcelona Institute for Global Health (ISGlobal)

ISGlobal is the result of an alliance between "la Caixa" Foundation and academic and governmental institutions to improve global health and promote equality through excellence in research and the transfer and application of knowledge.

VHIO

VALL D'HEBRON
Institute
of Oncology

Vall d'Hebron Institute of Oncology (VHIO)

"la Caixa" Foundation has been working for more than 10 years with the Vall d'Hebron Institute of Oncology (VHIO), a leading centre in personalised medicine in oncology, a pioneering model of multidisciplinary and translational research. It is one of the most important full-service centres in Europe, capable of transforming, in record time, the latest discoveries from laboratory research into early phase clinical trials and therefore into new opportunities for patients.

barcelonaBeta

BRAIN RESEARCH CENTER

BarcelonaBeta Brain Research Center (BBRC)

Since 2010, "la Caixa" Foundation has been collaborating with the BarcelonaBeta Brain Research Center (BBRC), dedicated to the prevention and early treatment of Alzheimer's. The ageing of the world's population means that neurodegenerative diseases have become a global challenge. The BBRC seeks to provide innovative solutions to decode and prevent biological changes and the associated cognitive disfunction.

— NEW COLLABORATIONS —

SJD

Sant Joan de Déu
Institut de Recerca

Sant Joan de Déu Research Institute (IRSJD)

The IRSJD is a centre for research and innovation in biomedicine, specialising in the fields of paediatrics and mental health, always with an eye on patients and their families, with the aim of improving their wellbeing and quality of life. "la Caixa" Foundation has inaugurated a new line of action to support the research carried out by the IRSJD into rare diseases that affect children, with the dual aim of speeding up the diagnosis of patients and increasing the number of therapies available.

GIMM

Gulbenkian Institute for Molecular Medicine

Gulbenkian Institute for Molecular Medicine (GIMM)

The GIMM is a new research centre in biomedicine and health, the result of a merger between the Instituto Gulbenkian de Ciência (IGC) and the Instituto de Medicina Molecular-João Lobo Antunes (IMM). It is promoted by a consortium of public and private institutions including the Fundação Calouste Gulbenkian, "la Caixa" Foundation, Arica - Investimentos, Participações e Gestão and academic and hospital bodies in Lisbon. It will be the largest institute dedicated to biomedical research in Portugal.

CaixaResearch Institute

Spain's first *immunology* research centre

The CaixaResearch Institute will be the first research centre specialising in immunology in Spain and one of the first in Europe. It will focus on how the immune system works in its interaction with the most prevalent diseases, such as autoimmune, neurological, oncological, metabolic and infectious diseases, as well as analysing the environmental factors that influence the immune system.

The Institute aims to attract new talent that can help to project biomedical research and innovation in one of the most promising fields for health.

Designed following criteria that prioritise sustainability and the environment, the centre will be integrated within the Collserola park and connected with the Science Museum CosmoCaixa. It will cover an area of more than 20,000 m² and over 500 people will work there.



2023 DATA:

6 projects selected from the centres linked to the Innovation Hub

2 first research groups active

THE INNOVATION HUB

The Innovation Hub is a strategic initiative by the CaixaResearch Institute to promote the transfer of research assets from the laboratory to society. The aim is to work in an alliance for scientific cooperation between various research centres, in order to reinforce and support the transfer activities of these centres: the BarcelonaBeta Brain Research Center (BBRC), the IrsiCaixa AIDS Research Institute, the Barcelona Institute for Global Health (ISGlobal) and the Vall d'Hebron Institute of Oncology (VHIO).

Fellowships

We foster *talent* *and progress*

Doctoral and postdoctoral fellowships aimed at researchers of all nationalities who wish to begin or continue their research career at universities or research centres in Spain or Portugal. These fellowships are divided into two types: Incoming, to attract talent, and Retaining, to retain the best researchers.

Our commitment to the future is realised by promoting learning and training because we're convinced that scientific progress, research, mobility and professional skills are key to the development of people and society as a whole.

2023 DATA:

65

doctoral fellowships in
Spain and Portugal

40

postdoctoral fellowships
in Spain and Portugal

CUMULATIVE DATA SINCE THE START OF BOTH PROGRAMMES:

1,951

fellowships taken up



CaixaResearch

We provide support for research and health institutions

We work together with research centres and hospitals to generate new biomedical knowledge and pass it on to society.

2023 Data:

773
researchers
1,245
scientific articles

We support research projects in biomedicine and health with the potential to transform and impact society

We hold the largest call for health research projects in Spain and Portugal.

2018-2023:

3,703
proposals submitted
170
projects supported
825
scientific articles

We promote innovation projects to accelerate the transfer of research results from the laboratory to patients

Through our health innovation programme, we foster the transfer of knowledge and technology to society and the creation of new research-based companies.

2015-2023:

200
projects supported
42
spin-offs created
99
patents produced

Fellowships

"la Caixa" Foundation Fellowships

We foster research talent at the best national and international research centres and universities.

2023 Data:

65
doctoral fellowships
in Spain and Portugal
40
postdoctoral fellowships
in Spain and Portugal

Cumulative data since the start of both programmes:

1,951
fellowships taken up





"la Caixa" Foundation

It's only progress if we all progress