

Annual Report 2024

Executive summary



HR EXCELLENCE IN RESEARCH



Instituto de Salud Carlos III





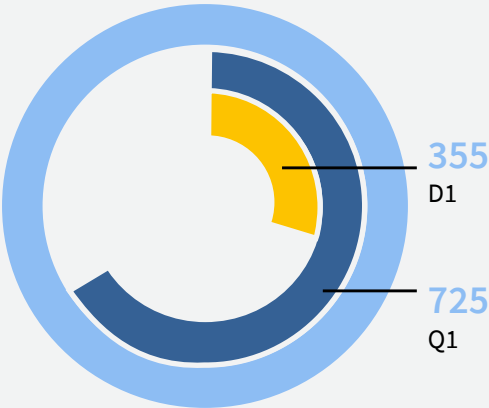
About us

The [Germans Trias i Pujol Research Institute \(IGTP\)](#) is a public research centre located on the Can Ruti Campus in Badalona. Its main objective is to increase scientific knowledge in order to transform it into solutions to improve the health and medical care of patients and the community. To achieve this, IGTP works with a strong commitment to responsible and sustainable practices, and to promoting equality, diversity and inclusion. These values are fully aligned with the Sustainable Development Goals of the 2030 Agenda.

The institute is part of the CERCA system of research centres of the Government of Catalonia and is accredited as an [Instituto de Investigación Sanitaria \(IIS\)](#) by Instituto de Salud Carlos III (ISCIII). **In 2024, IGTP successfully completed a new CERCA evaluation and was reaccredited by ISCIII.** These milestones recognise the institute's growing impact in translational research and innovation, and reflect its solid progress in recent years.

The year in numbers

2024 PUBLICATIONS

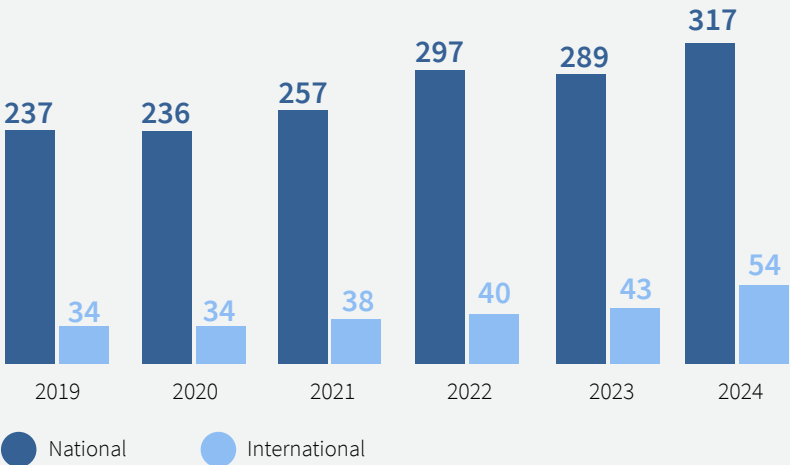


1,089
SCIENTIFIC
PUBLICATIONS

8.36
AVERAGE IMPACT
FACTOR

8,321
TOTAL IMPACT
FACTOR

ACTIVE PROJECTS 2019-2024



24
INCUBATED
PROJECTS

177
CLINICAL TRIAL
CONTRACTS SIGNED

23
DOCTORAL
THESES READ

106
EVENTS
ORGANISED
BY IGTP

4,327
PEOPLE
ATTENDING

+700
NEWS PUBLISHED
IN THE MEDIA

The year in highlights



MARCH

[The international consortium INNOVA4TB wraps up five years of cutting-edge tuberculosis research](#)



APRIL

[First cardiac bioimplants for the treatment of patients with myocardial infarction using umbilical cord stem cells](#)



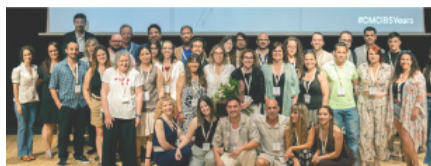
JUNE

[IGTP joins the Advanced Therapies Network of Catalonia](#)



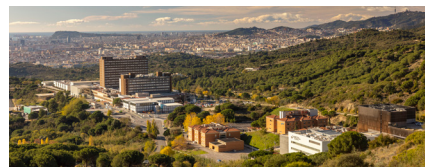
JUNE

[Innoved Awards drive biomedical innovation](#)



JULY

[The Comparative Medicine and Bioimage Centre of Catalonia celebrates its fifth anniversary](#)



JULY

[IGTP obtains reaccreditation as Instituto de Investigación Sanitaria by Instituto de Salud Carlos](#)



AUGUST

[The Research Institute of the Germans Trias i Pujol Hospital demonstrates how personalised medicine helps to control the effects of acromegaly earlier](#)



OCTOBER

[The European Innovation Council provides €3 million in funding for a project with IGTP involvement](#)



NOVEMBER

[IGTP welcomes two new spin-offs: Debios Diagnostics and HealthTech Innovations](#)



DECEMBER

[The 4th IGTP Retreat establishes itself as a key space to foster scientific collaboration at the Can Ruti Campus](#)

Research areas and groups

44

GROUPS contracted directly by IGTP
and affiliated groups from ICO, ISGlobal
and Consorci Sanitari del Maresme

8

AFFILIATED INSTITUTIONS

9

RESEARCH AREAS

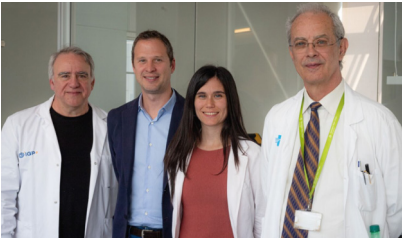
- [Barcelona Institute for Global Health \(ISGlobal\)](#)
- [Consorti Sanitari del Maresme \(CSdM\)](#)
- [Fundació Institut Guttmann](#)
- [Fundació Institut Universitari per a la Recerca a l'Atenció Primària de Salut Jordi Gol i Gurina \(IDIAPJGol\)](#)
- [Fundació Lluita contra les Infeccions](#)
- [Institut Català d'Oncologia \(ICO\)](#)
- [IrsiCaixa](#)
- [Josep Carreras Leukaemia Research Institute \(IJC\)](#)

Research innovation and technology transfer

The Innomed program launched with a joint campus effort and a first round of awards



IGTP welcomed two new spin-offs: Debios Diagnostics and HealthTech Innovations



Check innovation-oriented news on the IGTP website

40

ACTIVE PATENT FAMILIES

25

ACTIVE LICENSE AGREEMENTS

55%

LICENSED PATENTS

12

NEW IDEAS

10

SPIN-OFFS

11

TECHNOLOGY OFFER PORTFOLIO



Strategic projects

GCAT|GENOMES FOR LIFE

- Published a metabolome map to identify new cardiovascular risk biomarkers
- Advanced environmental health research through the EXPANSE European project
- Explored epigenetics and chronobiology in disease risk with the CUPID project
- Joined CORDELIA, the largest cohort in Spain for precision cardiovascular research



COMPARATIVE MEDICINE & BIOIMAGE CENTRE OF CATALONIA (CMCIB)

[Marked 5 years of enabling pioneering biomedical research](#)



21

Approved animal
model procedures

63

Active translational
studies

7

Active clinical
research studies

>1,500

OL's/surgeons trained

~150

Researchers trained
on the 3Rs

504

Registered
researchers

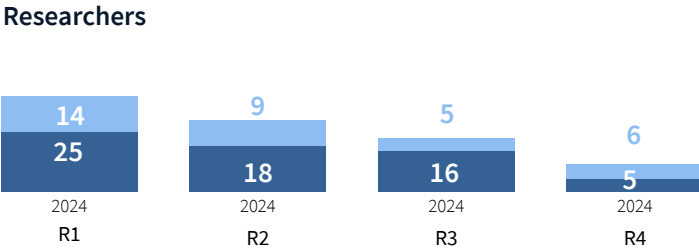
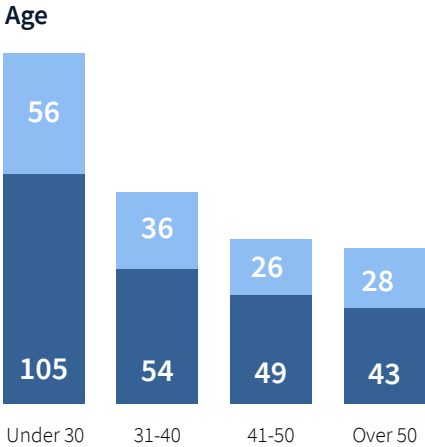
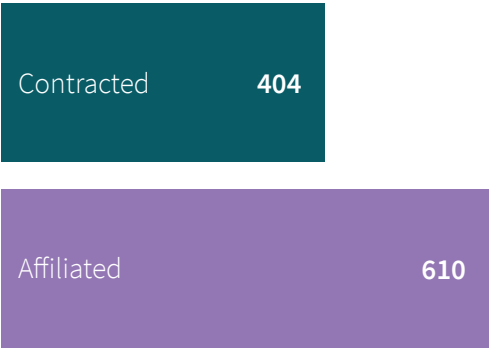
>550

Advanced surgical
trainings

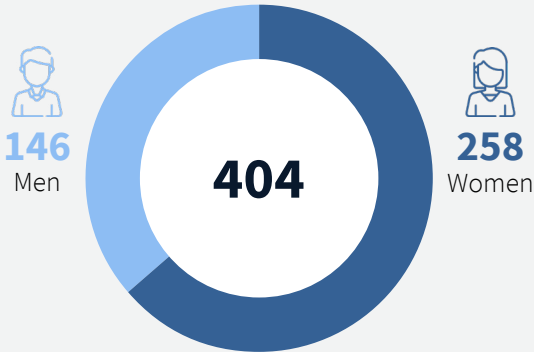
286

Certificates in
Laboratory Animal
Science

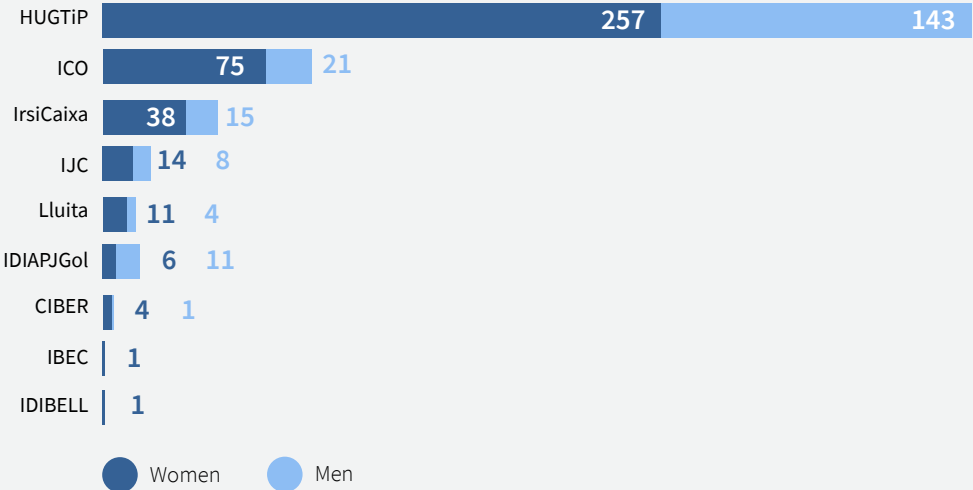
Our team



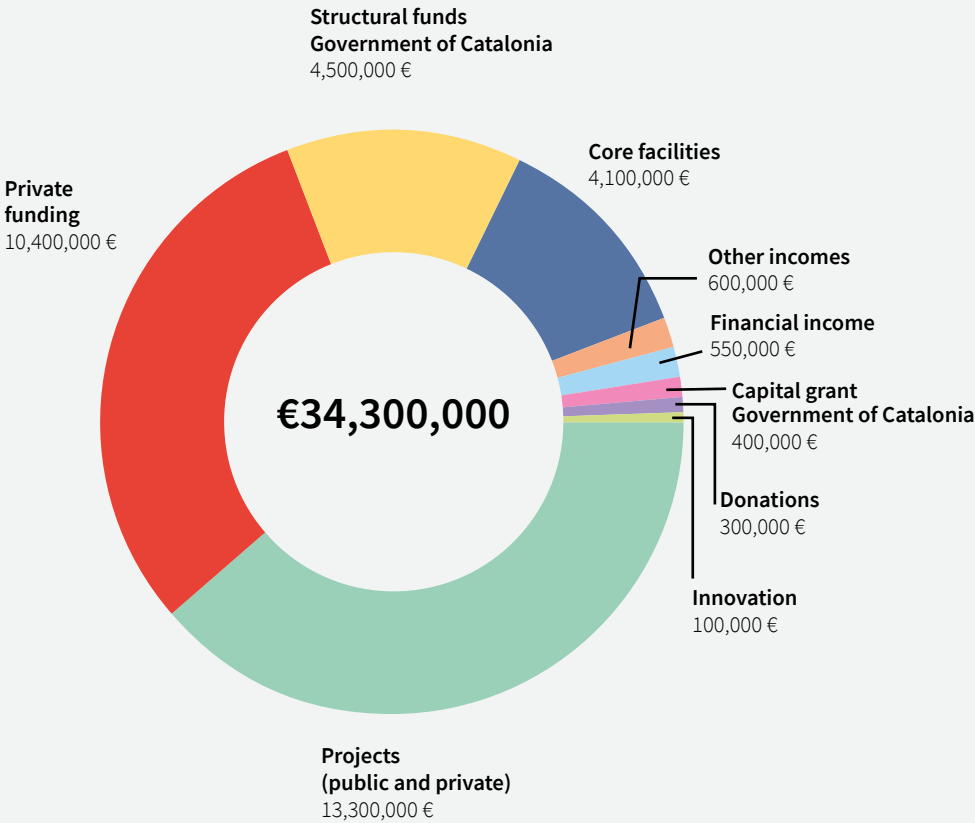
CONTRACTED STAFF



AFFILIATION AGREEMENTS



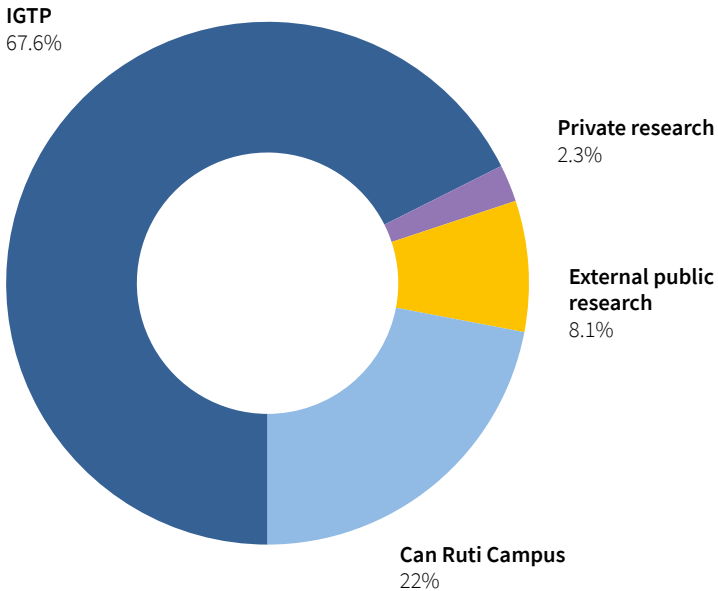
Funding



Core facilities

	STAFF	PIS SERVED	PROJECTS SERVED
<u>Biobank</u>	6	57	77
<u>Biostatistics</u>	5	29	30
<u>Cryobiology</u>	1	47	53
<u>Cytometry</u>	3	42	46
<u>High Content Genomics and Bioinformatics</u>	5	16	18
<u>High Performance Computing</u>	1	16	22
<u>Microscopy</u>	1	29	34
<u>Proteomics and Metabolomics</u>	2	17	17
<u>Translational Genomics</u>	3	40	55

GLOBAL USERS





More information:

IGTP's Annual Report 2024

© **Germans Trias i Pujol Research Institute (IGTP)**

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