

Annual Scientific Report 2022

Executive Summary





Who we are

The Germans Trias i Pujol Research Institute (IGTP) is a public research centre located in Badalona. Its primary objective is to advance scientific knowledge and transform it into solutions that improve the health and medical care of patients and the wider community.

The Institute is associated with one of the major university hospitals in the Barcelona area, the Germans Trias i Pujol Hospital, and is part of the Can Ruti biomedical campus. IGTP is a CERCA centre and is also accredited as a centre of excellence by the Instituto de Salud Carlos III (ISCIII) and is in charge of coordinating the management and scientific strategy of the campus, working in close collaboration with the other centres.

Research areas and groups

41

GROUPS WITH PI

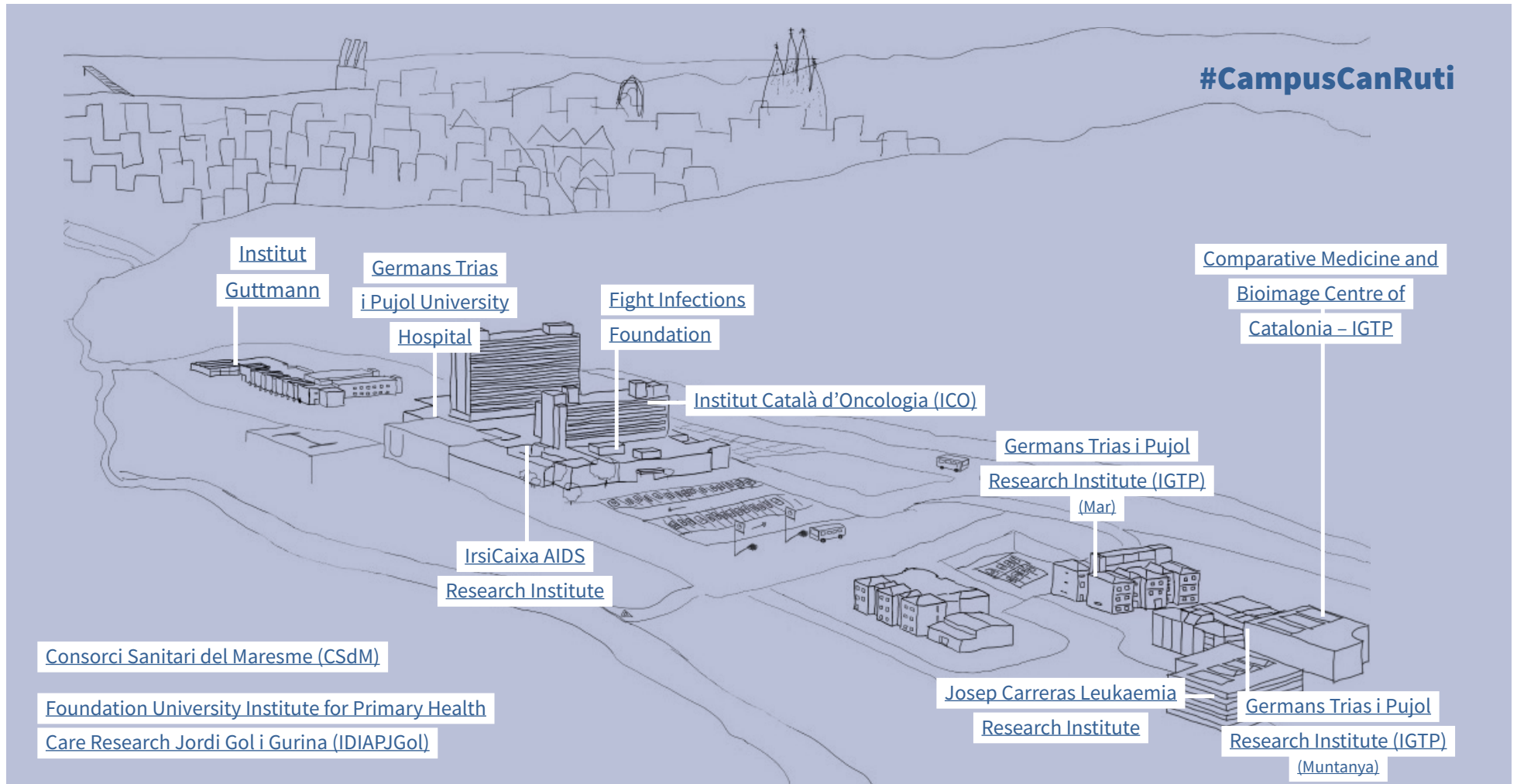
contracted directly by the IGTP, Germans Trias i Pujol University Hospital or affiliated groups from the Institut Català d'Oncologia (ICO) or ISGlobal.

9

RESEARCH AREAS

IGTP Affiliated Institutions

Within the framework of IGTP's accreditation as a Centre of Excellence by the Instituto de Salud Carlos III (ISCIII), the IGTP has affiliation contracts with groups from various institutions.



Publications in 2022

1,080

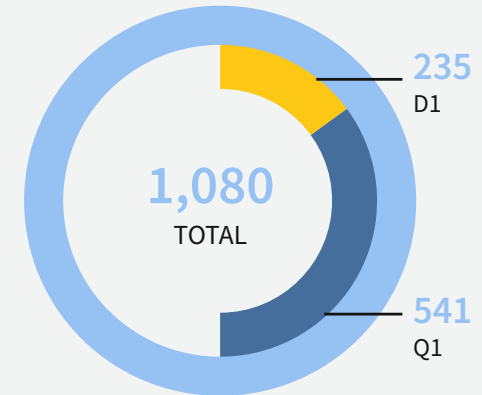
TOTAL PUBLICATIONS

10,169.67

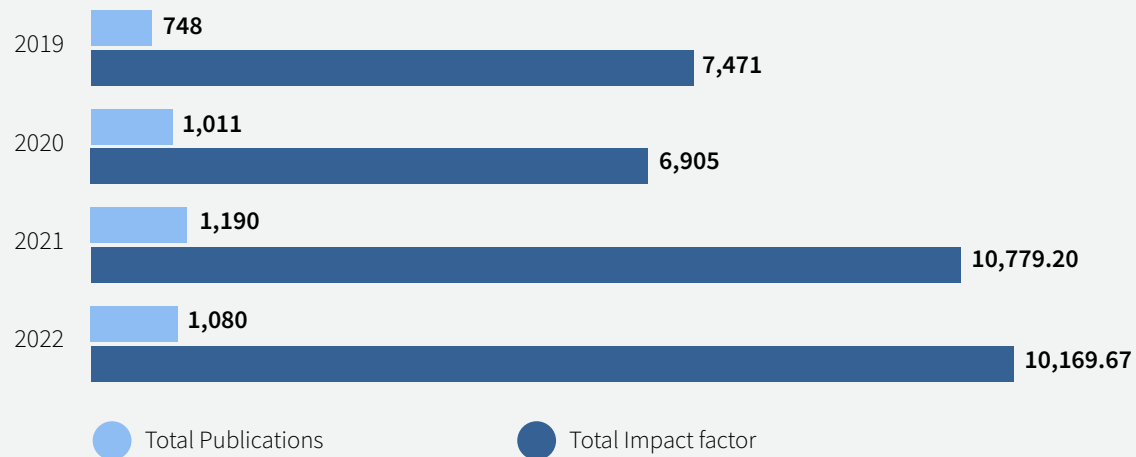
TOTAL IMPACT FACTOR

9.89

AVERAGE IMPACT FACTOR



EVOLUTION (2019-2022)



4,028

TOTAL PUBLICATIONS

36,595

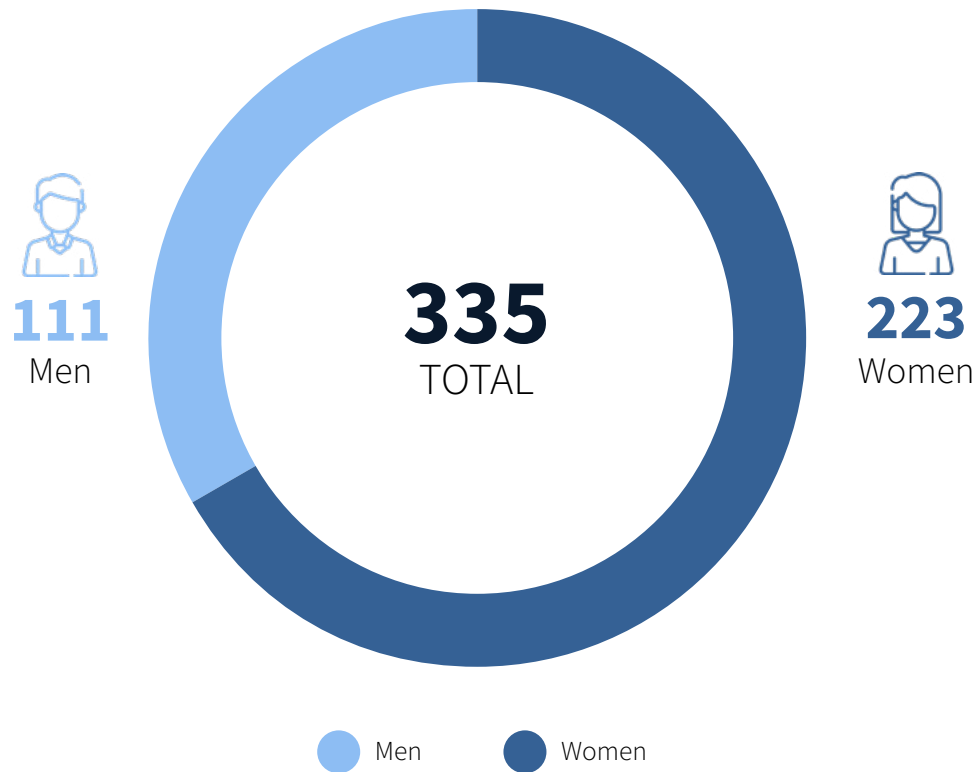
TOTAL IMPACT FACTOR

9.09

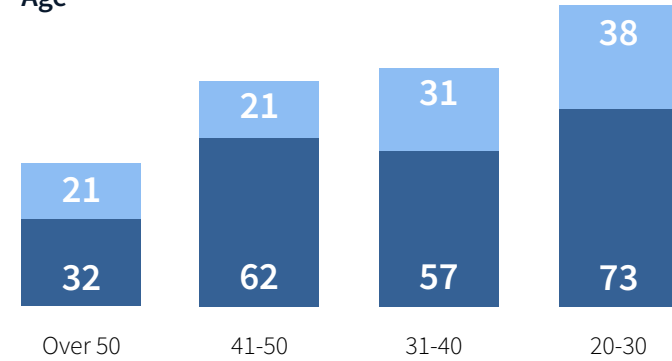
AVERAGE IMPACT FACTOR

People: IGTP contracted and affiliated staff

IGTP CONTRACTED STAFF 2022



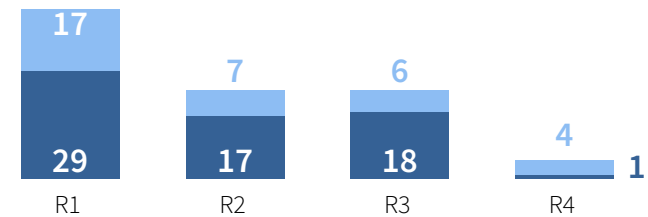
Age



Professional categories

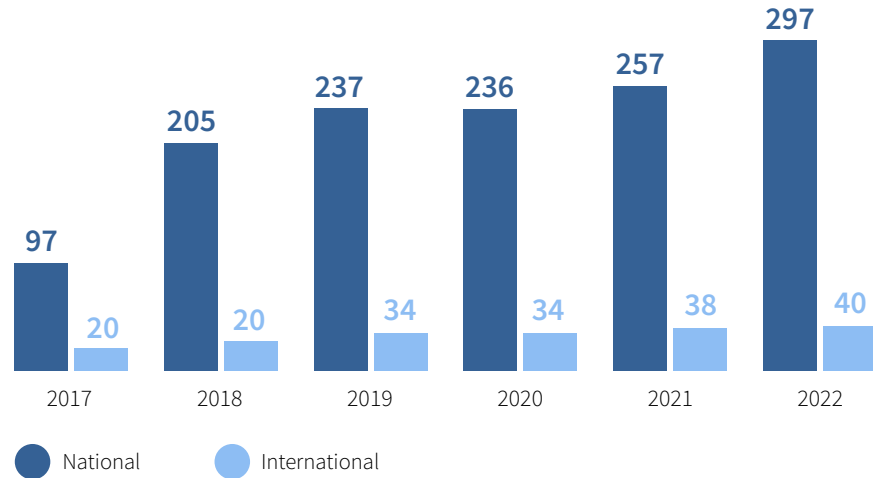


Researchers

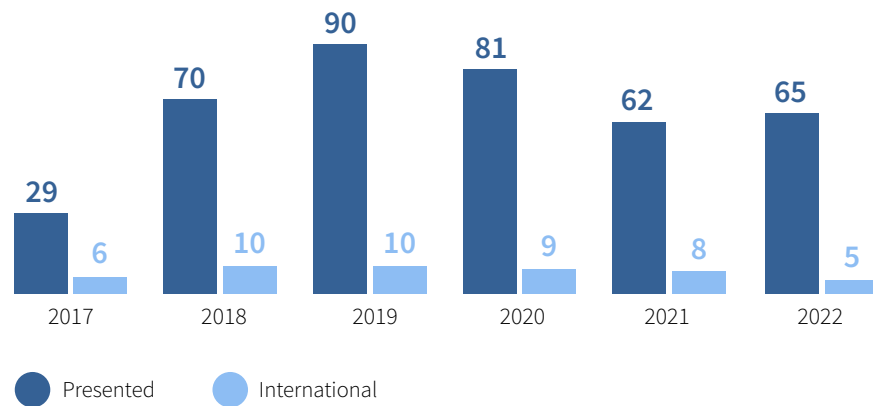


Competitive projects

TOTAL ACTIVE PROJECTS 2017-2022



INTERNATIONAL AND NATIONAL PROJECTS 2017-2022



Innovation and technology transfer

25

INCUBATED PROJECTS

8

TECHNOLOGY OFFER PORTFOLIO

165

PATENT APPLICATIONS

38

PATENT FAMILIES

22

LICENSE AGREEMENTS

8

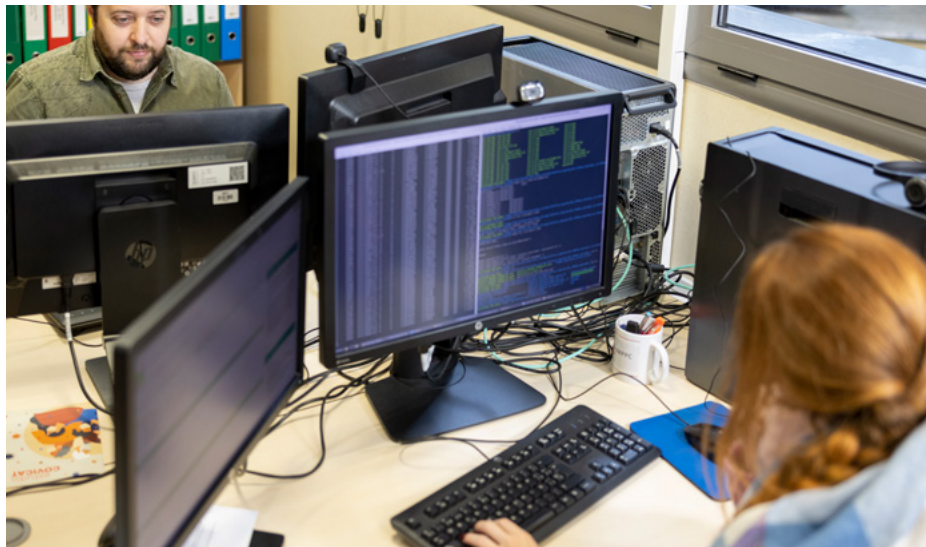
ACTIVE SPIN-OFFS



Strategic projects

GCAT: THE POWER OF DATA TO BENEFIT PATIENTS, CLINICIANS, AND RESEARCHERS

GCAT|Genomes for Life, is a population-based multi-purpose cohort to identify genomic, epigenomic and environmental factors in the development of multi-factorial chronic diseases. Currently, the research team of the cohort is collaborating on projects spanning diverse health areas such as cardiology, inflammatory diseases, respiratory diseases, diabetes, neuromuscular diseases or response to infectious disease (including Covid- 19), joining a diverse interconnected network of Spanish and European consortia on Diabetes, Stroke, LongCovid, Urban exposome impact and Work exposures.



CMCIB, A REFERENCE IN COMPARATIVE MEDICINE, BIOIMAGING, AND COMPUTATIONAL MODELS

The Comparative Medicine & Bioimage Centre of Catalonia (CMCiB) is the translational medicine centre of the Germans Trias i Pujol Research Institute (IGTP), affiliated with the Germans Trias University Hospital on the Can Ruti Campus in Badalona. The centre has been designed and equipped to accommodate and support a wide range of biomedical research and technological development projects while maintaining strict sustainability and research standards within the 3R policy.



Core facilities



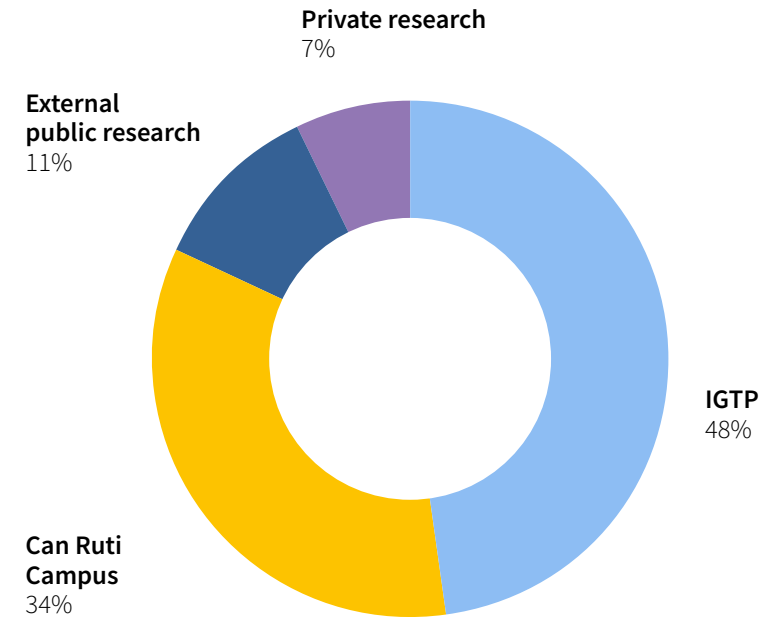
PROJECTS SERVED



PIs SERVED

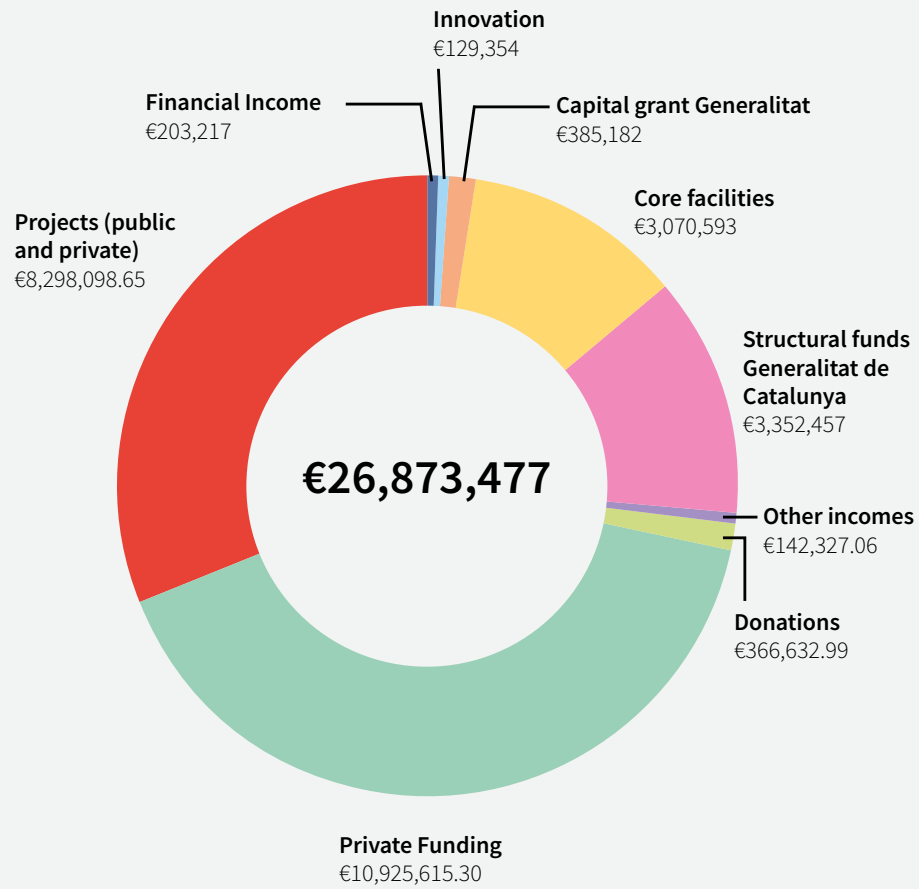
| | | |
|--|----|----|
| BIOBANK | 42 | 58 |
| CRYOBIOLOGY | 43 | 52 |
| CYTOMETRY | 28 | 50 |
| HIGH PERFORMANCE COMPUTING | 11 | 10 |
| HIGH CONTENT GENOMICS AND BIOINFORMATICS | 11 | 17 |
| MICROSCOPY | 21 | 32 |
| PROTEOMICS AND METABOLOMICS | 4 | 11 |
| TRANSLATIONAL GENOMICS | 37 | 57 |

GLOBAL USERS



Sources of funding

FUNDING FOR 2022



More information:

[IGTP's Annual Report 2022](#)

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