

CiMUS INFRASTRUCTURES

BIOSAFETY AND CELL CULTURE

TECHNICAL SERVICES

FARMAXEN
(PHARMACOGENETICS
SERVICE)

RADIOACTIVE FACILITY

CLEAN ROOM

CRYOGENIC ROOM

AUTOClave SERVICE

HISTOLOGY SERVICE

FLOW CYTOMETRY UNIT

IMAGING AND CONFOCAL
MICROSCOPY

INFRASTRUCTURES GROUP-ASSOCIATED

METABOLIC PHENOTYPING

THERAGNOSTICS

ADVANCED FLOW FFF –
PARTICLE CHARACTERIZATION
AND SEPARATION

PLATFORMS

GENOMICS PLATFORM

DRUG DISCOVERY
PLATFORM – **INNOPHARMA**
(ERIC EU-OPENSREEN)

ACCESS TO ANIMAL RESOURCES



The shortest path from
research to the patient

CiMUS

Center for Research
on **Molecular Medicine** and
Chronic Diseases



SOME OF OUR COLLABORATORS

PATIENT ASSOCIATIONS



Asociación de Nenas, Nenos e
Xente Nova con Diabetes de Galicia



COMPANIES



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04/2025 - 03/2031



Rede CIGUS
Centros de investigación do
Sistema Universitario de Galicia



Cofinanciado por
la Unión Europea
Cofinanciado pola
Unión Europea



Fondos Europeos

CiMUS PRESENTATION

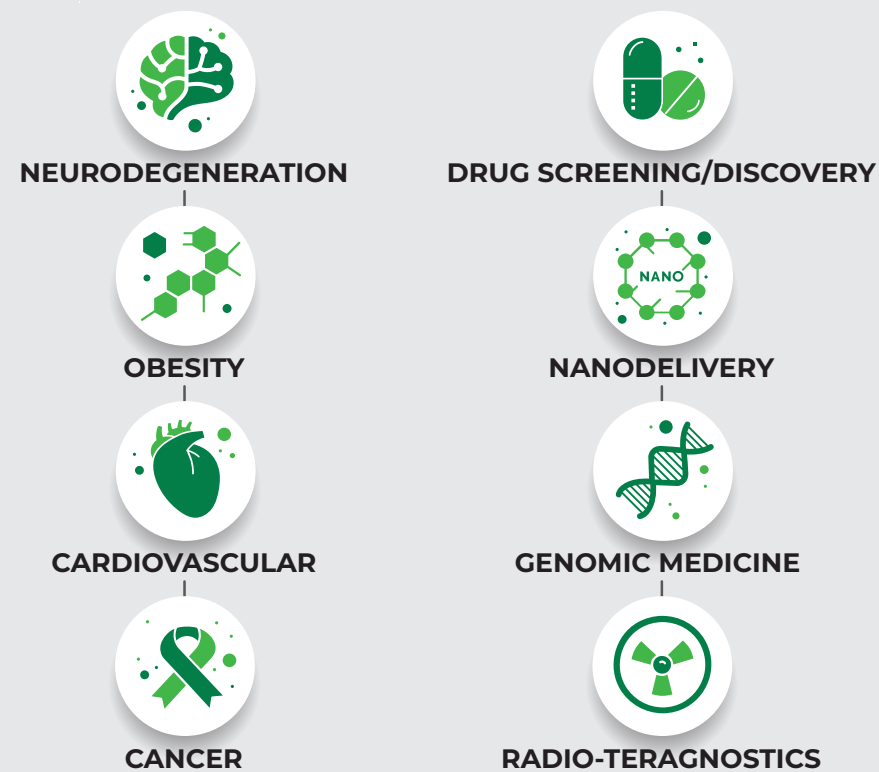
The **Center for Research in Molecular Medicine and Chronic Diseases (CiMUS)** of the University of Santiago de Compostela is dedicated to cutting-edge research in the field of chronic diseases. Our mission is to generate high-impact knowledge that is connected to society and benefits patients.

Research at CiMUS is organized into two major programs: **Molecular Mechanisms of Chronic Disease and Integrative Translational**. Together, they connect fundamental discoveries with clinical application, with a strong emphasis on technology transfer and therapeutic innovation.

CiMUS is an open and collaborative center, fostering partnerships with universities, hospitals, companies, and innovation hubs across Galicia, Spain, and worldwide.

Currently, the center holds **dual accreditation for excellence** at both regional and national levels. On one hand, it has received the **CIGUS recognition from the Xunta de Galicia** (ED431G/2023/02), which highlights the quality and impact of its research. This accreditation is «funded by the Regional Ministry of Education, Science, Universities and Vocational Training» and «co-financed by the European Union» through the Galicia FEDER 2021–2027 Program. On the other hand, CiMUS has recently been awarded the **María de Maeztu Unit of Excellence distinction**, granted by the Ministry of Science, Innovation and Universities.

RESEARCH PROGRAMS



MOLECULAR MECHANISMS PROGRAM

This program investigates the molecular processes underlying major chronic diseases—obesity and metabolism, cardiovascular diseases, neurodegeneration, and cancer. The **aim** is to deepen our understanding of these mechanisms to identify new biological targets and to drive the development of innovative strategies for prevention and treatment.

INTEGRATIVE TRANSLATIONAL PROGRAM

This program focuses on developing new therapies and disruptive technologies—ranging from drug screening and nanomedicine to genomic medicine, theranostics, and proton therapy. It **aims** to accelerate the transformation of basic discoveries into clinical solutions, paving the way toward personalized and precision medicine.

TRANSLATION

PRECISION
MEDICINE

KNOWLEDGE
TRANSFER

INDICATORS 2020-2024

1245
PUBLICATIONS

50 M€
COMPETITIVE
FUNDING

6
ERC GRANTS

7
LICENSED
PATENTS

7
ACTIVE SPIN-OFFS

Celtarys
RESEARCH

SMART VITAMINS

Libera Bio

ARJUNA
THERAPEUTICS

bflow

FlowReserve
Personalized Medicine in Cardiology

Gazella Biotech

COMMUNITY 2024

+350 PEOPLE

63% WOMEN
37% MEN

39 RESEARCH GROUPS

41
Principal
Investigators

28
Senior
researchers

74
Postdoctoral
researchers

155 PhD students

40 Research
Technician

12 Administrative staff