A room for cooperation

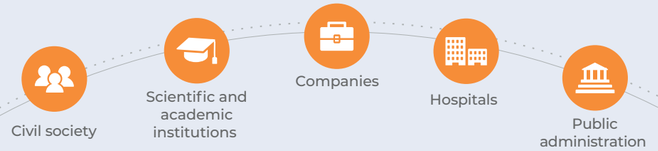
CSIC-HUBs (Conexiones CSIC) are **scientific-technical collaboration networks** that seek to establish a link —sustainable in the medium and long term— between research personnel from different institutes on **strategic topics**.

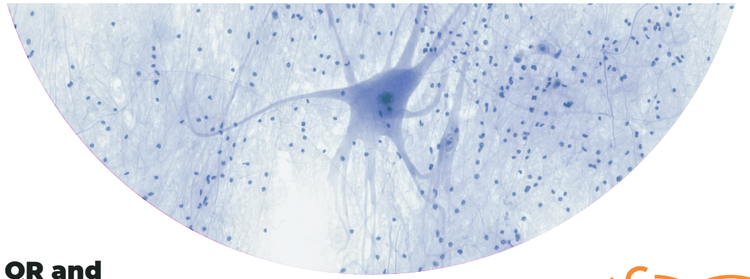
It allows researchers to **share information and knowledge**, as well as carry out joint activities that include the exchange of research personnel, training and the design of collaborative projects.

Objectives

- Establish new collaborations with other research institutions as well as public administrations and the private and third sector.
- Position CSIC as benchmark in these topics both nationally and internationally.
- Promote the attraction and development of talent.
- Communicate and disseminate its activities, conveying to society advancements in matters of social impact.
- Propose and develop new joint projects.

Connecting with society





Visit our website, scan the QR and discover all our activities first-hand

www.csic.es/es/investigacion/iniciativas-cientificas-estrategicas/conexiones-csic

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CSIC-HUBs

Connections to foster scientific collaboration

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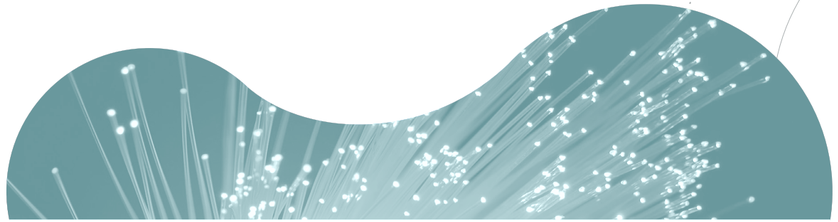

CSIC Consejo Superior de Investigaciones Científicas

Since 2021

Archaeology

Archaeology investigates all stages of **human history** and is an essential discipline to deal with current social challenges. This collaborative network enhances the **social impact** of this area of knowledge.

Cancer

Fighting cancer is one of the major challenges faced by our society. This HUB fosters new collaboration avenues for a **better understanding, diagnosis and treatment** of this pathology.

Artificial Intelligence

Artificial intelligence has **countless applications** and influences our society in many ways. This HUB supports research and **knowledge management** in this field.

Nanomedicine

Nanotechnology has multiple biomedical applications. This collaboration enables progress in **early diagnosis** of diseases and development of **new nanomaterial-based therapies**.

Life

The origin of life is still one of **science's great mysteries**. This HUB fosters collaboration between research groups studying the **origin, (co)evolution, diversity and synthesis of life**.

Since 2024

Computational Biology and Bioinformatics (BCB)

BCB is a **multidisciplinary and transversal science**, helpful to answer many scientific questions. This HUB foster greater interactions between researchers from different fields of knowledge, as well as access to a **great number of resources**.

Geosciences

Studying and caring our planet is key to achieving a **more sustainable society**. The HUB seeks to respond to this challenge from a global perspective by promoting **new synergies** in the field of geoscience.

Wheat

The mission of this collaborative netwok is to promote scientific and technical research into this crop, to address future challenges in the context of both **climate change** and **population growth** in the 21st century.

Photocatalysis

Photocatalytic technologies can help address important environmental, energy and medical challenges. The HUB aims to **overcome barriers** to their application and maximize their **impact on society and industry**.

Genome

Understanding the organisms' genomes is a scientific challenge in many areas. This HUB boosts collaboration between research groups that study the **organization, dynamics and function** of genomes.

Since 2025

Antimicrobial resistance (AMR)

Antimicrobial resistance is a **growing threat** to our society. This collaborative network aims to **promote innovative solutions** to fight antibiotic resistance and preserve their effectiveness for the future.

Polar CSIC

Changes in the polar zones affect **the entire planet**. This HUB seeks to understand the state and evolution of polar regions to predict their conditions in 2050 and assess their impact on **future economic and scientific activities**.

Microbiome

The microbiome impacts **both nature and human health**. Investigating these interactions with a **multi-sectoral approach** in key socio-economic areas is the goal of this HUB.

Metabolic diseases

Metabolic diseases are a major social and health challenge. The HUB aims to **promote research** into these pathologies through **disruptive approaches** focused on prevention, diagnosis, treatment and precision medicine.

Genetic resources

The purpose of this HUB is the **conservation** -both ex situ and in situ- of genetic resources from four domains: **aquatic, plant, forest** and **livestock**.