



# Biohealth

|  |                              |       |
|--|------------------------------|-------|
|  | BIOMEDICAL COMPANIES         | 83    |
|  | RESEARCH CENTERS             | 5     |
|  | UNIVERSITIES                 | 3     |
|  | LEADING HOSPITALS IN NAVARRA | 2     |
|  | DIRECT JOBS                  | 3,500 |

Navarra has one of the most dynamic biomedical clusters, with fascinating investment opportunities



88

Private companies and research centres 3,500 professionals working

3,500

Professional workers



## Biomedical research

Over 100 patents have been registered

Navara has two prestigious universities with a long-standing academic tradition and a public and private healthcare network linked to the universities an other stakeholders in applied research.

Applied Medical Research Centre  
Opened in 2004 after 50 years experience



Opened in 2004 after 50 years's experience



it supports a large infrastructure network, with a public administration than encourages commercial activity.



Applied Medical Research Centre

400 | RESEARCHERS OF MORE THAN 20 COUNTRIES

7 | PRODUCTS IN PRECLINIC PHASE

33 | PATENTS ACTIVE

2 | SPIN OFF COMPANIES



The Government of Navarra is strongly committed to the development and consolidation of the biomedical sector in Navarra

COMPREHENSIVE STRATEGY



PERSONALISED MEDICINE



**Biopharma**

TURNOVER  
**64%**  
29 COMPANIES



**Prevention and wellness**

TURNOVER  
**29%**  
13 COMPANIES



**Medical Devices**

TURNOVER  
**7%**  
41 COMPANIES

## Dynamic biomedical ecosystem

Navarra has one of the most dynamic biomedical clusters in Spain, with great opportunities for investment and partnership in the sector.

It consists of 83 companies, 5 research centres, 3 universities and 2 leading hospitals in Navarra.

The innovation infrastructure of the region is among the best in Spain, enabling the development of biomedical products from the phase of discovery through to their marketing. Backed by the high level of the healthcare sector and future trends,

the biopharmaceutical sector has considerable scientific and technological weight, with strong specialisation in biotechnology and pharmaceutical products. Only the pharmacy sector concentrates 17.1% of patents in Navarra, of 13.1% of Spain and 7.5% of the European Union.

Navarra has great strengths throughout the value chain, from scientific production, product development and quality clinical services, a value chain that provides employment 31,508 people, the majority in care services (27,981), but with 2,465 people working in the health industry and 1,065 under investigation.

## Industry agents

It is made up by 29 companies that represent 64% of the turnover of the sector and among which are some of the most attractive Spanish companies in the country.

### BIOPHARMA

Formed by 29 companies that represent 64% of the turnover of the sector and among which are some of the most attractive Spanish companies in the country:

**CINFA**, the leading company in the sale of generic medicines in Spain.

**3P Biopharmaceuticals**, the main supplier of development and manufacturing systems of biotechnological and cell therapy products to third parties.

**Idifarma**, an independent company that offers drug development and manufacturing services (CDMO) to the pharmaceutical sector.

**PaloBioPharma**, works on discovering new drugs that modulate adenosine receptors and their development.

**Albyn Medical**: a pioneer in the development of medical equipment.

### PREVENTION AND WELLNESS

Second most important area and with strong growth in recent years, where relevant initiatives of innovation and business development in Genomics and Data Science.

It has 13 companies of different types, which represents almost 29% of the total turnover of the sector with 228.5 million euros.

### MEDICAL DEVICES

It is an emerging and fastest growing sector made up of 41 companies and 60.6 million euros of turnover in 2020, between which are a relevant number of startups from the that strong growth and investment opportunities are expected in the next years.

The company **Creo Medical** stands out, it is a pioneer in the development of innovative medical devices since 1985.

## Biomedical Research in Navarra

Nowadays, Navarra has two prestigious universities, a public and private healthcare system that is closely linked to the universities and other entities that drive applied research as they are:

**CIMA** is the biggest biomedical research centre in Spain. It opened in 2004, based on the 50 years' experience of the Faculty of Medicine and the University Hospital of Navarra, and that of the Faculties of Science and Pharmacy and the Applied Pharmacology Research Centre. It employs over 400 researchers from more than 20 countries and has over 33 patents active and 5 products in the pre-clinical phase and 2 spin-off.

**NAVARRA BIOMED** is a public research center created in 2012, promoted by the Government of Navarra. Its mission is to promote, facilitate and conduct biomedical research. In 2016, an agreement was signed with the Public University of Navarra with the aim of promoting biomedical research and enhancing the competitiveness of the region's biomedical sector. It has 19 research units and 6 scientific-technical services that bring

together a total of 120 researchers and promotes research carried out by more than 250 health professionals from other public centers in the region.

**IDISNA** The Health Research Institute of Navarra (IdiSNA) is established as a multidisciplinary and translational biomedical research space oriented to basic, clinical, epidemiological and health services research, the result of the association between groups of the University Clinic of Navarra (CUN), University Hospital of Navarra (HUN), University of Navarra, Public University of Navarra, Center for Applied Medical Research (CIMA), Navarrabiomed, Institute of Public and Occupational Health and Primary Care of the Navarra Health Service.

The **cluster of the health** sector has recently been created, with the aim of improving the competitiveness of the sector, made up of 8 companies. Cinfa, 3P Biopharmaceuticals, Creo Medical, Idifarma, Innoupharma, Palo BioPharma, Qubepharma Group and Telum Therapeutics.

## Main companies in the sector



**CINFA**. Leader pharmaceutical industry that develops, manufactures and markets generic drugs, products pharmaceuticals OTC and orthopedics.



**IDIFARMA** offers drug development and manufacturing services (CDMO), specializing in high-intensity medicines.



**3P BIOPHARMACEUTICALS**. CDMO leader in the manufacture of biological products and cellular therapy.



**PALOBIOFARMA** Development of new drugs from the modulation of adenosine receptors, a neurotransmitter key and second messenger in the body.



**GEISER PHARMA** provides pharmaceutical development services, from the initial selection of alternatives to the final registration.



**OJER PHARMA** is a company Pharmaceutical spin-off of the University of Navarra, with the aim of developing medicines and dermatological products.



**LOZYS PHARMAECUTICAL** is a plant state-of-the-art dedicated to the production and packaging of pharmaceutical tablets (hard candy).



**BIONANOPLUS** Encapsulation of molecules active in nanoparticles or microparticles polymeric for the pharmaceutical, veterinary, cosmetic and agrifood sectors.



**IKAN BIOTECH** Biotechnology company that provides analytical services and studies in the biosanitary and environmental area, using the Zebrafish.



**TELLUM THERAPEUTICS** is a global biotech company dedicated to the development of new therapies and antimicrobial compounds.



**CREO MEDICAL** is a pioneer in the development of innovative medical devices from 1985. Specialists in the design and manufacture of products for Urology, Gynecology and Gastroenterology.



**INNOUPHARMA**. Research and drug development more safe and effective by using nanotechnology.