

Eurobiomed

THE INTERREGIONAL HEALTH CLUSTER IN LANGUEDOC-ROUSSILLON AND PROVENCE-ALPES-CÔTE D'AZUR

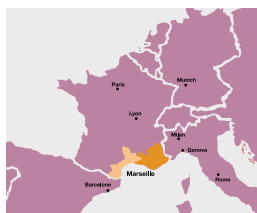
The Eurobiomed competitive cluster brings together all those involved in Life Sciences in the French regions Provence-Alpes-Côte-d'Azur and Languedoc-Roussillon. This network comprises pharmaceuticals and biotechnology companies, academic research laboratories as well as engineering schools and universities. Its objectives are to accelerate the development of cutting edge new drugs, technologies and health services.

KEY FIGURES FOR THE SECTOR

- **Companies:** 400 in number - France's 3rd largest competitive cluster
- **Direct industrial jobs:** 10 000
- **Researchers:** 6,000 in the public sector, 3,000 in the private sector
- **Students:** 39,000 including 1,500 post-graduate science students, making it the 2nd largest in France, with 8 universities and 4 teaching hospitals

THE REGION'S 7 ASSETS






- A centre of excellence for research: **2nd largest health cluster in France** for both basic and applied research, with 6,000 researchers in Life Sciences.
- **Many start up and large pharmaceuticals companies:** ABX-Horiba, Baush&Lomb, Beckman Coulter, Bio-Rad, Cezanne, CisBio, Galderma, Génévrier, Idenix, Innate Pharma, Intrasure, Ipsen, Ipsogen, Neureva, Nicox, Pharmaxon, Proteus, Protomed, Sanofi-aventis, Skuldtech, Supersonic Imagine, TxCell, Virbac ...
- A dense high quality health sector: **2nd largest region for clinical trials in France.** Provence-Alpes-Côte d'Azur is the French region with largest number of medical professionals: 30,000 doctors, dentists and pharmacists and 39,000 hospital beds.
- **Recognised high quality degrees** conferred by renowned universities and engineering schools.
- A region accredited by the French Government with quality certificates: **Cancer research** clusters, high level technological platforms, Infectiopole Sud, and the Eurobiomed cluster.
- **Science and technology parks** with dedicated government agencies and facilities to support innovative companies, among which Luminy Biotech (Marseille) and Sophia Antipolis.
- An organisation dedicated to everyone involved in the Life Sciences - the Eurobiomed health cluster



MAIN THEMES OF EXCELLENCE

Thanks to its long tradition in medicine and pharmacy, the Eurobiomed region has been investing for many years in Health sector companies as well as auxiliary services such as business incubators and nurseries, science parks, technological platforms, business and scientific networking events, financial schemes, technology transfer agencies...

CURRENTLY, 5 PRIORITY THEMES HAVE EMERGED FROM THIS POLICY:

THEMES OF EXCELLENCE	KEY TECHNOLOGIES	PARTNERS INVOLVED		EXAMPLE OF ACCREDITED PROJECTS
		Companies	Academic research	
 Infectious and tropical diseases	Design and development of diagnostic tools, therapeutic and preventive drugs for both humans and animals	Sanofi-aventis, ABX Horiba, Virbac, BioRad, Id nix, BVT, Synprosis, i2a, Pourquier, ID-Vet	Infectiop le Sud, IMTSSA, European virology platform, Cirad, CNRS, IRD, INSERM	NIVACHICK Blood Test for diagnosing chikungunya, led by Sanofi Aventis, Montpellier
 Rare and orphan diseases	Development of preventive and therapeutic diagnostic tools. Strategies for formulating medicines for rare diseases	Advicenne Pharma, Pharmaxon, CLL Pharma	INSERM CHU La Timone, INSERM Nice, INSERM CHU-UM1 Montpellier	CELL ARTHRITIS Juvenile idiopathic arthritis, led by TxCell, Sophia Antipolis
 Medical devices, biomarkers and Bio-engineering	Diagnostic, biomarker, implantable devices, medical devices, imaging	Beckman-Coulter, ABX-Horiba, BioRad, Virbac, Cezanne, Innodiag, CisBio, Novatech SA, Neurelec , Intrasense	LIRMM, INRIA, Ecole des Mines d Ales et Charpak, ESIL	CHELO DE Diagnosis and laser treatment of the keloid scars, led by Ekkyo, Aix-en-Provence
 Immunology and therapeutic applications	Immunotherapy, inflammatory autoimmune diseases, infectious immunology	Sanofi-aventis, Beckman-Coulter, Innate Pharma, Pharmaxon, CLL Pharma, TxCell, Ipsogen, Magben	CIML, CRLC, IRB	NK TOLERANCE Pathogenesis of lymphohistiocytosis and Still syndrome, led by the Centre d Immunologie de Marseille Luminy
 Neuropathology, age and handicap	Neurosciences, development of medical and technological solutions for disabilities	Sanofi -aventis, Pharmaxon, Neureva, Transyst me, Ipsen, Trophos, Neu (Ben Ari)	IGF IBDM, INT, INM, Plateform Euromov	MICROSTROKE Role of the microglia in acute medullary lesions, led by Neureva, Montpellier

SINCE 2006: MORE THAN 200 PROJECTS ASSESSED BY EUROBIOMED, 150 ACCREDITED, 50 FINANCED.

R&D BUDGET: € 115 MILLION INCLUDING € 50 MILLION FROM PUBLIC FUNDING

SOME SCIENTIFIC AWARDS IN PROVENCE-ALPES-CÔTE D'AZUR

DIDIER RAOULT : 2 international prizes for his research in microbiology

YEHEZKEL BEN-ARI : grand prix from the American Epilepsy Society

MICHEL LADZUNSKI : gold medal from the National Centre for Scientific Research in 2000, specialist in ion channels

BERNARD MALISSEN : medical research grand prix for his work in immunology



A REGION SUITED TO YOUR NEEDS

- **Several science parks :**

Luminy Biotech and Château-Gombert in Marseille, Euromédecine in Montpellier, Georges Besse in Nîmes, Sophia Antipolis. Business service centres and nurseries, university.

- **Incubators** supporting many emerging projects.

LARGE HOSPITAL NETWORK

Eurobiomed is France's **2nd largest centre for clinical trials**. The greatest density of medical professionals in France can be found here, grouped in centres of excellence:

- **3** cancer centres
- **4** teaching hospitals
- **4** centres of clinical research
- **1** interregional authority for clinical research (DIRC)

A WORLDWIDE RECOGNITION FOR THE RESEARCH IN INFECTIOUS AND TROPICAL DISEASES

- **The TROPICAL MEDICINE INSTITUTE** of the Military Health Service (IMTSSA), based in Marseille since 1905, with subsidiaries on every continent.
- Teams from the **INSTITUTE OF RESEARCH FOR DEVELOPMENT (IRD)** based in Montpellier and Marseille, associated with the IRD organisations in the Southern hemisphere.
- Teams from the french **NATIONAL CENTRE FOR SCIENTIFIC RESEARCH (CNRS)**, the **NATIONAL INSTITUTE FOR HEALTH AND MEDICAL RESEARCH (INSERM)** and the universities of Marseille, Montpellier, Nice and Nîmes.
- **INFECTIOPOLE SUD**, a collaborative platform created in 2007: reference centre for zoonoses and vector-borne diseases; bank of pathogenic microorganisms; monitoring the emergence of infectious diseases

SERVICES PROVIDED BY THE EUROBIOMED HEALTH CLUSTER

- Assistance with setting up projects and follow-up
- A privileged access to sources of financing for the projects:
 - Fonds Unique Interministériel (FUI), (French government funding for industrial R&D projects)
 - Agence Nationale de la Recherche (ANR) (French National Research Agency)
 - OSEO (French Agency for Innovation)
 - Regional authorities
- Assistance with internationalising projects
- Assistance with attendance at large international events such as BIO USA, BIO Japan, Bio Bangalore...
- Facilitated access to a network of companies and academics in Life Sciences in Eurobiomed's "territory"
- Financial advantages for member companies and especially tax breaks* (exemption from the tax on profits, business tax, land tax etc.) *under certain conditions.

EVENTS



Eurobiomed is supported by: the State, the Regional councils of Provence-Alpes-Côte d'Azur and Languedoc-Roussillon, the European Commission, the Councils of the following «Departments»: Bouches-du-Rhône, Hérault, Gard, Var, Alpes-Maritimes, the Nîmes and Marseille Provence Chambers of Commerce and Industry, the Town Syndicates of Marseille Provence Métropole, Montpellier, Nîmes, Toulon Provence Méditerranée, Nice Côte d'Azur, Pays d'Aix.

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