

Côte d'Azur: a vibrant environment for science and industry

HIGHLIGHTS

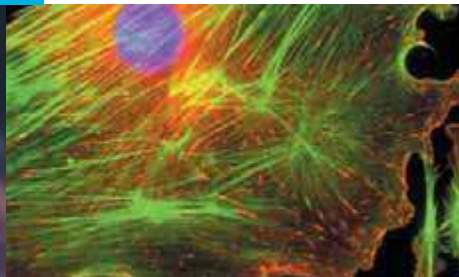
- ▶ **9 190 JOBS**
- ▶ **261 COMPANIES**
- ▶ **2.1 BILLION EUROS** in revenue
- ▶ 52% of revenue generated abroad
- ▶ 48% of companies have R&D operations
- ▶ 29% devote over 50% of revenue to R&D
- ▶ **TWO COMPETITIVENESS CLUSTERS:**
PASS (perfumes, fragrances, scents and flavors)
ORPHEME (orphan diseases and emerging pathologies)

INDUSTRY LEADERS IN A PRODUCTIVE ENVIRONMENT

The Côte d'Azur boasts international **success stories** in pharmaceuticals, medical instruments, imagery, biomedical technologies, veterinary medicine and agronomy. Today, it is home to innovative science clusters in ophthalmology, oncology and neurology.

- ▶ **Arkopharma:** the leading producer of herbal treatments in France
- ▶ **Galderma:** the first dermatology R&D center in the world
- ▶ **Laboratoires Boiron:** the leader in homeopathic treatments
- ▶ **Median:** specialized in 3D imagery applications
- ▶ **Nicox:** one of the largest market caps in France in biotech pharmaceutical research
- ▶ **Stryker:** the global leader in orthopedics
- ▶ **Txcell:** develops immunotherapy approaches based on T cell modification
- ▶ **Virbac:** the world's eighth-largest animal health specialist





VAST RESEARCH POTENTIAL

Thanks to the regular interaction between players in private and public sector research, major projects are designed and developed on the Côte d'Azur. The area's unique pool of expertise made it possible, for instance, to assemble and observe **the first planned cohort of HIV, HBV and HCV patients in Europe** (in Nice, Marseille and Montpellier).

PUBLIC RESEARCH:

- ▶ **100 public research facilities, 30 laboratories, and 2,000 researchers**
- ▶ **68% of the laboratories** at the University of Nice-Sophia Antipolis specialize in **Health and Life Sciences**

WORLD-CLASS LABORATORIES:

- ▶ **Biology and Biochemistry centers** that study growth factors (cell proliferation and differentiation), membranes (ionic channels) and cell interactions
- ▶ **The Oceanology observatory of Villefranche-sur-Mer**
- ▶ **The Institute of Molecular and Cellular Pharmacology (IPMC)**, which is conducting research on diseases such as Alzheimer's and Parkinson's, schizophrenia, hypertension and diabetes.
- ▶ **Agro Biotech:** INRA's largest laboratory in France.

A RESERVOIR OF TALENTS

Over 3,800 Life Science students study for a master's degree in pharmacology or take the molecular biology and pharmacology graduate program.

THE ORPHEME COMPETITIVENESS CLUSTER FOR EMERGING PATHOLOGIES AND ORPHAN DISEASES

ORPHEME is one of France's 8 national competitiveness clusters in health and biotechnologies. It brings together key players in the Provence-Alpes-Côte d'Azur and Languedoc-Roussillon regions to work on **four main themes**:

- ▶ Infectious and tropical diseases
- ▶ Medical devices and bioengineering
- ▶ Diagnosis and immunotherapy of rare or aggressive cancers
- ▶ Treatments and care for aging, neurological pathologies and disability

RESEARCH AND EDUCATION:

- ▶ **6,000 researchers, official recognition (label) for cancer and genetic research centers, 1,500 PhD students, 39,000 undergraduates and Master's students**

INDUSTRY:

- ▶ **160 enterprises, 10,000 jobs, 3,000 R&D jobs**

INVESTMENT IN MAJOR PROJECTS

- ▶ **The Nice Teaching Hospital** is the largest hospital development project underway in France. The new facility will usher in a new generation of research and public health hospitals and will make space available to private research teams.
- ▶ **The Head and Neck Cancer Institute** is a leading center in head and neck oncology and surgery.
- ▶ **The Institute of Molecular and Cellular Pharmacology (IPCM)** is adding a new pavilion **for Neurology and Alzheimer's disease**.
- ▶ **The Claude Pompidou Foundation** is building a pilot center for healthcare, research and prevention in Nice.

AGA MEDICAL
 AGILENT TECHNOLOGIES
 AGRODIAGNOSTIC
 ALFAMED
 ALLERGAN FRANCE
 AMITIS
 ADVANCED MEDICAL OPTICS – AMO
 ARKOPHARMA
 ASEPTA LABORATOIRES
 BAYER CROPSCIENCES
 BIONATURAL
 CLL PHARMA
 CODAN France
 CORADIN
 COSMETIC RESEARCH GROUP
 DYNAMIC CELL CULTURE TECHNOLOGY
 DOW AGROSCIENCES
 ELAIAPHARM
 EQUILIBRE ATTITUDE
 FUTURE MEDICAL SYSTEMS
 GALDERMA R&D
 GENACTIS
 GENAZUR
 HILL'S PET NUTRITION
 HORUS PHARMA
 IMMUNOSEARCH
 INNOVATION SANTE LIPIDES
 INTEGRA NEUROSCIENCES
 IRIS PHARMA
 KAERY'S
 LABOBASI
 LABORATOIRE FERRIER
 LABORATOIRES ARION
 LABORATOIRES BOIRON
 LABORATOIRES GENEVRIER
 LPG SYSTEMS
 LUXCLEAR PHARMA
 MXM
 NEPH
 NICOX
 NIXE
 ORTHOMED
 QUANTIFICARE
 SKINETHIC
 SKINPHARMA
 SOBIOS
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 SPE BIOTECHNOLOGIES France
 STRYKER
 THERADIS PHARMA
 THERAMEX
 THERASCIENCE
 TXCELL
 VINCIENCE
 VIRBAC