

BIOTECH IN FRANCE

KEY INFO IN

10

POINTS

1

▶ INSERM: EUROPE'S #1 ACADEMIC BIOTECH RESEARCH INSTITUTE

INSERM spearheads healthcare and medical research in France, filing more biotech patents with the European Patent Office than any other academic institution in Europe (Facts & Figures 2015, France Biotech). It is also one of the world's 10 most innovative research organizations. (Reuters, 2016)

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▶ ACADEMIC RESEARCH DRIVING THE FRENCH BIOTECH SECTOR

Fifty-six percent of French biotech firms are founded on the back of academic research. Partnerships are maintained once firms have been established, which fosters innovation. Forty-four percent of biotechs are academic research partnerships, 33% are partnerships with manufacturers, and 17% involve other biotechs. (France Biotech, 2016 overview of the French life sciences industry)

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▶ STARTUPS GROWING INTO UNICORNS

French startups in the biotech and healthcare sector are innovating at an ever faster rate. Among them are two 'unicorns' with a stock market value of over €1 billion: DBV Technologies, listed in Paris and on the Nasdaq, which is developing a revolutionary treatment for peanut allergies; and Advanced Accelerator Applications, a molecular nuclear medicine pioneer listed on the Nasdaq.

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▶ FRANCE: A CLUSTER AT THE HEART OF EUROPE

With seven healthcare sector innovation clusters, France's ecosystem fosters synergies and partnerships that lead to the emergence of innovations, products and services offering high-quality personalized healthcare.

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▶ THE PARIS STOCK MARKET: EUROPE'S #1 FOR BIOTECH AND MEDTECH

With more than €1.6 billion of funds raised (all forms of venture capital), including €600 million through 14 stock market flotations in 2015, Euronext (Paris) is the leading stock market in Europe for biotechs and in the world for medtechs. (France Biotech, 2016 overview of the French life sciences industry)

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▶ CLINICAL TRIALS

France is renowned for high-quality clinical research, conducting 10% of the world's clinical trials. The three main fields are oncology, infectious medicine and rare diseases. (Leem Pharmaceutical Industry Survey, 2015)

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▶ A MANUFACTURING MECCA

France is home to a host of renowned market leaders and experts in healthcare product manufacturing processes, from clinical batches to industrial batches. Biotherapies, including vaccines and therapeutic antibodies, along with cell and gene therapies, require talent and expertise that can be found in abundance in France's industrial ecosystem.

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▶ FRANCE'S CROSS-DISCIPLINARY EXCELLENCE

The excellence of France's researchers and engineers is the driving force behind biological, technological and digital innovations providing patients with comprehensive therapeutic solutions. Sanofi, the world's third-largest laboratory group (IMS, 2015), has joined forces with French firm Voluntis to develop telemedicine solutions for diabetes sufferers.

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▶ BUOYANT FOREIGN INVESTMENT

In 2016, 52 job-creating foreign investment projects were recorded in the French healthcare sector. A prime example is American firm Alexion Pharmaceuticals, which opened its first non-US based research laboratory in Paris, at the Imagine Institute for rare diseases. (Business France)

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▶ STRONG GOVERNMENT SUPPORT FOR HEALTHCARE

France's research tax credit is specifically designed to take into account 200% of the cost of subcontracting to public-sector organizations (INSERM, hospitals, etc.). Moreover, a rate of 400% is applied for two years to the cost of employing a recent PhD graduate. R&D expenses are eligible until marketing authorization is received for medicines and CE marking is obtained for medical devices.



For further information, please visit:
www.businessfrance.fr

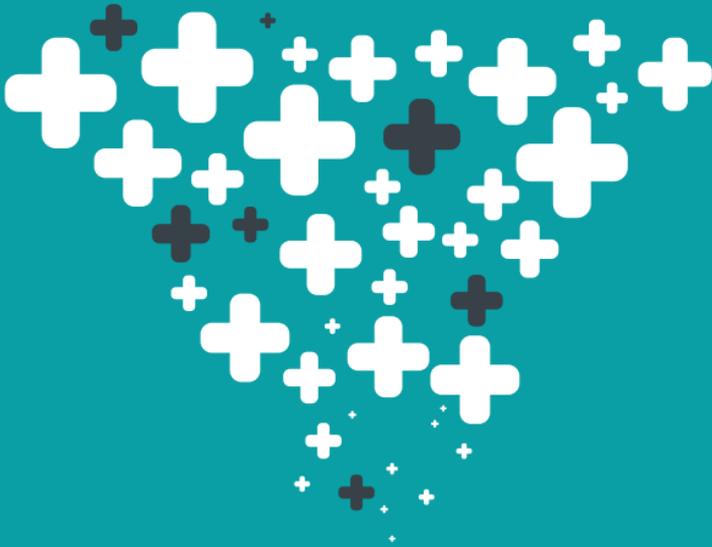




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FRANCE:
#1
IN THE WORLD FOR LIFE
EXPECTANCY AT 65 YEARS
(OECD, 2015)



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**JOB-CREATING FOREIGN INVESTMENT
PROJECTS IN THE FRENCH
HEALTHCARE SECTOR IN 2016**

(BUSINESS FRANCE)



FRANCE: THE WORLD'S
5th
LARGEST MARKET FOR
HUMAN MEDICINES

(LEEM PHARMACEUTICAL INDUSTRY ASSOCIATION, 2016)



**7 PHARMA/BIOTECH
INNOVATION CLUSTERS
IN FRANCE**