

BIOTECH IN FRANCE

KEY INFO IN

10

POINTS

1

▶ €67 BILLION IN REVENUES

The biotech-medtech industry accounted for around 330,000 direct and indirect jobs and €67 billion in sales in 2016 (DARES/LEEM; La French Health Tech). France has 720 biotech companies and 160 medtech companies, employing more than 50,000 people. It has the third largest number of biotech companies in Europe after Germany and the United Kingdom. (BiotechGate; La French Health Tech, 2017)

2

▶ WORLD-RENOWNED HEALTHCARE RESEARCH

France is the only country apart from the United States to make the top 10 of the 2017 Scimago Institutions Rankings, with two institutions: the National Institute of Health and Medical Research (INSERM) (2nd), and Assistance Publique – Hôpitaux de Paris (AP-HP) (8th).

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▶ MANY PRODUCTS IN THE PIPELINE

France is ranked second in Europe for the number of biotechnology products being developed with 459, after the United Kingdom (522), but ahead of Germany (429). (Biocentury; France Biotech)

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▶ A SUPPORTIVE ECOSYSTEM

France has seven innovation clusters working in the pharmaceutical-biotech sector: Lyon Biopôle, Medicen, Alsace Biovalley, Atlantic Biotherapies, Bio Health Cancer, Eurobiomed and Longevity Health Nutrition. Companies in this sector investing in R&D are eligible for France's research tax credit until medicines are granted market authorization and medical devices receive CE marking.

5 ▶ ACADEMIC RESEARCH DRIVING THE FRENCH BIOTECH SECTOR

Most French biotech firms are founded on the back of academic research. Partnerships are maintained once firms have been established, which fosters innovation. Forty-six percent of biotechs are academic research partnerships. (France Biotech, 2017 overview of the French life sciences industry)

6 ▶ THE PARIS STOCK MARKET: EUROPE'S #1 FOR BIOTECH FIRMS

With 86 stock market flotations (49 biotechs and 37 medtechs) raising more than €21.8 billion (€15.6 billion for biotechs; €6.2 billion for medtechs) in 2016, Euronext (Paris) is the leading stock market in Europe for biotechs and the second in the world after the United States. (France Biotech, 2017 overview of the French life sciences industry)

7 ▶ RAPID GROWTH FOR STARTUPS

Biotech-medtech companies seeing rapid growth include DBV Technologies, valued at €886 million, which has developed an epicutaneous immunotherapy treatment; Collectis; worth €866 million, specializing in gene therapies to treat cancer, and Genfit, worth €788 million, which is at the forefront of developing therapeutic and diagnostic solutions in metabolic and inflammatory diseases.

8

▶ 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, 2017), has joined forces with French firm Voluntis to develop telemedicine solutions for diabetes sufferers.

9


▶ BUOYANT FOREIGN INVESTMENT

In 2017, 59 job-creating foreign investment projects were recorded in the French healthcare sector. A prime example is Swiss pharmaceutical giant Novartis, which confirmed a three-year €900 million investment in clinical trials and research at its new headquarters in Rueil-Malmaison (Ile de France/Paris region) and Huningue plant (Grand Est) just outside the Swiss city of Basel. (Business France)



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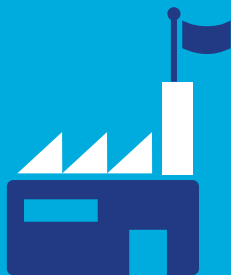
▶ BIOTECHS AND FUNDRAISING

In 2017, several biotech startups successfully raised funds, including: Parisian startup Kap-Code, which finds solutions for chronic diseases and detects drug safety signals on social networks, generated €3 million; Lyon-based company Imalink Medical, specializing in telemedicine, raised €1 million; and Hemarina, Brittany's marine biotechnology company, raised €8 million.



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



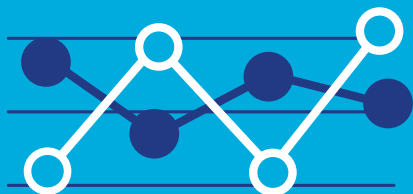


FRANCE: EUROPE'S

#1

**DESTINATION
FOR FOREIGN INVESTMENT
IN INDUSTRY**

(EY, 2017)



**EURONEXT PARIS:
EUROPE'S
#1
STOCK MARKET
FOR BIOTECHS**

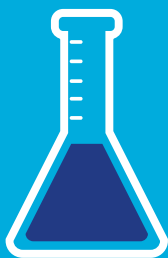
(FRANCE BIOTECH, 2017)

ACCESS TO A MARKET OF
67
MILLION CONSUMERS
AND GATEWAY TO THE EMEA



(INSEE, 2018)

HEALTHCARE RESEARCH CENTERS



2 FRENCH INSTITUTIONS
IN THE WORLD'S TOP 10:
INSERM (2ND) AND AP-HP (8TH)

(SCIMAGO INSTITUTIONS RANKINGS, 2017)



Business France
77, boulevard Saint-Jacques
75680 Paris Cedex 14 - France
Tel.: +33 1 40 73 30 00