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I Brevetti Biotech Italiani all'Ufficio Europeo dei Brevetti



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Largest technical fields in 2017

		Applications ²	Growth
1	Medical technology	13 090	+ 6.2 %
2	Digital communication	11 694	+ 5.7 %
3	Computer technology	11 174	+ 4.1 %
4	Electrical machinery, apparatus, energy	10 402	+ 4.0 %
5	Transport	8 217	- 4.2 %
6	Measurement	7 999	+ 6.6 %
7	Organic fine chemistry	6 462	+ 4.3 %
8	Pharmaceuticals	6 330	+ 8.1 %
9	Biotechnology	6 278	+ 14.5 %
10	Other special machines	5 548	+ 0.4 %



status January 2018

source: EPO facts and figures 2018

¹ The definition of the fields is based on the WIPO IPC technology concordance.

² European patent applications include direct European applications and international (PCT) applications that entered the European phase during the reporting period.

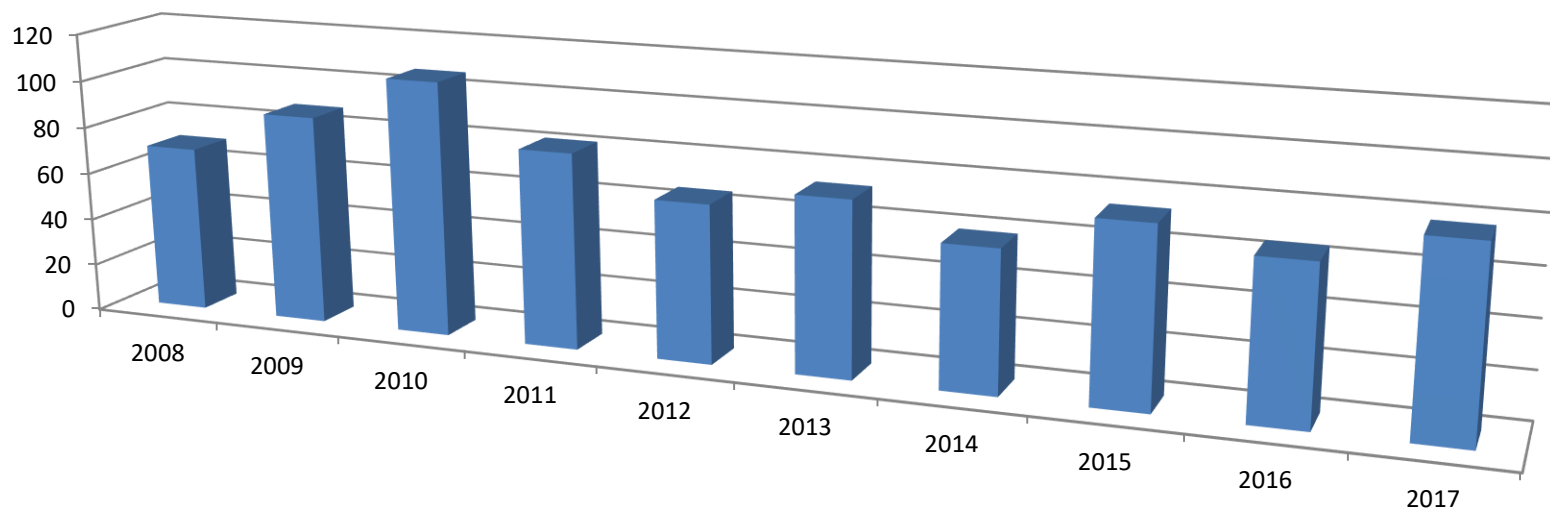
Top Biotech applicants at the EPO

Rank		Applications
1	HOFFMANN-LA ROCHE	207
2	DSM	117
3	NOVOZYMES	115
4	INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE	92
5	DU PONT	80
6	NOVARTIS	61
7	UNIVERSITY OF CALIFORNIA	58
8	SANOFI	56
9	JOHNSON & JOHNSON	45
10	BAYER	44
11	BASF	35
11	LIFE TECHNOLOGIES	35
13	DOW CHEMICAL	33
13	MERCK KGAA	33
15	BRISTOL-MYERS SQUIBB	30

status January 2018

source: EPO Annual Report and Statistics (<https://www.epo.org/about-us/annual-reports-statistics/statistics.html>)

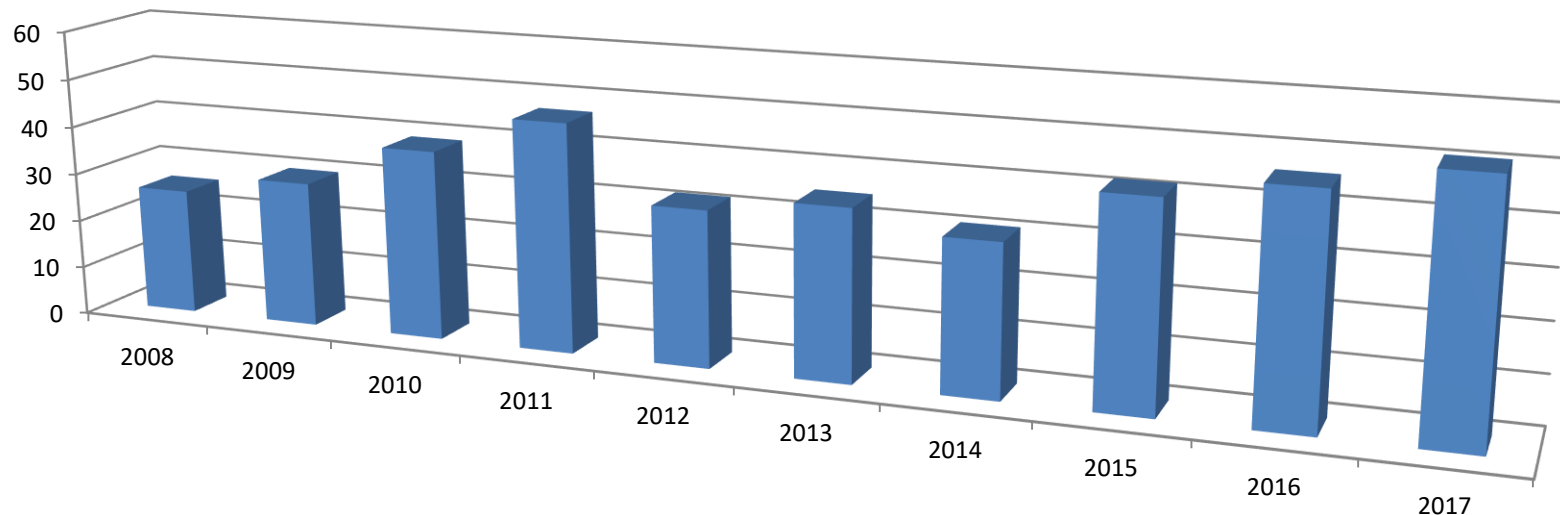
Number of Biotech applications originating in Italy 2008-2017



European patent applications in Biotechnology, where Italy is the applicant's country of residence

source: EPO Annual Report and Statistics (<https://www.epo.org/about-us/annual-reports-statistics/statistics.html>)

Number of Biotech patents originating in Italy 2008-2017



Granted European patents in Biotechnology, where Italy is the applicant's country of residence

source: EPO Annual Report and Statistics (<https://www.epo.org/about-us/annual-reports-statistics/statistics.html>)

Top applicants – Biotech area (EP applications with Italian priority; years 2010-2018)

Number of applications	
34	CONSIGLIO NAZIONALE RICERCHE
27	FIDIA FARMACEUTICI
25	PROBIOTICAL SPA
23	ABOCA SPA SOCIETA' AGRICOLA
22	GIULIANI SPA
21	INDENA SPA
11	ENI SPA

data extracted using CPC Single symbols Confirmed Invention Information;
this data is indicative only

A61K – top applicants

Number of applications	
19	GIULIANI SPA
16	FIDIA FARMACEUTICI
13	ABOCA SPA SOCIETA AGRICOLA
12	PROBIOTICAL SPA
11	CONSIGLIO NAZIONALE RICERCHE
9	ALTERGON SA

EP applications with Italian priority; years 2010-2018
this data is indicative only

C12N – top applicants

Number of applications	
7	CONSIGLIO NAZIONALE RICERCHE
7	PROBIOTICAL SPA
5	FIDIA FARMACEUTICI
4	ENI SPA
2	AVANTEA SRL
2	BIOCHEMTEX SPA

EP applications with Italian priority; years 2010-2018
this data is indicative only

C12Q – top applicants

Number of applications	
5	CONSIGLIO NAZIONALE RICERCHE
3	ALIFAX HOLDING S P A
3	FOND ST ITALIANO DI TECNOLOGIA
3	ISTITUTO NAZ DI GENETICA MOLECOLARE INGM
3	IST FISIOTERAP OSPITALROMA
2	ALMA MATER STUDIORUM UNIV DI BOLOGNA

EP applications with Italian priority; years 2010-2018
this data is indicative only

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