

Research biotech patenting 2014

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Our list of patenting activity at top academic centers again has the University of California system in the number one slot (Table 1), with the Wisconsin Alumni Research Foundation and Stanford University trailing. Institut Pasteur sits atop the list of research foundations (Table 2). Figure 1 details the continued increase in overall research patent grants in both the United States and Europe, attributable to

offices working through backlogs (Fig. 2), an increase in startup launches and a rising recognition of patent value in research.

COMPETING FINANCIAL INTERESTS

The authors declare competing financial interests: details are available in the online version of the paper (doi:10.1038/nbt.3288).

Table 1 Top 20 academic centers ranked by number of issued biotech patents, 2010–2014

University	Total	Yearly average	US total	EU total	2014 US	2014 EU
First assignee						
University of California system	599	119.8	511	88	165	33
Wisconsin Alumni Research Foundation	299	59.8	267	32	67	3
Stanford University	293	58.6	255	38	83	16
University of Texas system	285	57	248	37	79	15
University of Pennsylvania	248	49.6	195	53	58	15
Duke University	205	41	184	21	29	9
Johns Hopkins University	190	38	162	28	49	7
California Institute of Technology	185	37	159	26	43	8
Massachusetts Institute of Technology	182	36.4	162	20	70	11
University of Massachusetts	151	30.2	131	20	27	6
University of Michigan	150	30	134	16	44	7
Cornell University	141	28.2	101	40	27	11
University of South Florida	133	26.6	124	9	40	4
Harvard University	131	26.2	113	18	40	5
New York University	121	24.2	110	11	32	4
University of Illinois	114	22.8	103	11	28	2
University of Maryland	110	22	97	13	31	3
University of Utah	107	21.4	80	27	17	9
University of North Carolina	106	21.2	87	19	27	6
University of Washington	104	20.8	90	14	37	5
Isis Innovations (University of Oxford)	102	20.4	58	44	13	9
University of Southern California	96	19.2	82	14	21	5
University of Florida	87	17.4	71	16	23	6
Ohio State University	84	16.8	60	24	24	24
Yale University	82	16.4	62	20	18	4

Source: IP Checkups. Query terms: university, college, research foundation, research organization, institute, school, plus our biotech black box searches.

Table 2 Top 5 research institutes ranked by number of issued biotech patents, 2010–2014

Institute	Total	Yearly average	US total	EU total	2014 US	2014 EU
Institut Pasteur	185	37	119	66	28	9
INSERM	106	21.2	76	30	46	29
Centre National de la Recherche (CNRS)	97	19.4	65	32	53	31
Scripps Research Institute	80	16	51	29	23	27
Dana-Farber Cancer Institute	41	8.2	34	7	24	5

Source: IP Checkups. Query terms: university, college, research foundation, research organization, institute, school, plus our biotech black box searches.

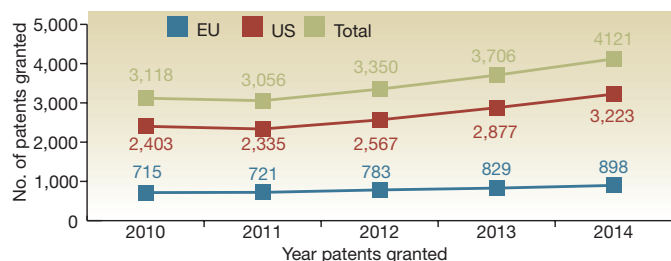


Figure 1 Research biotech patent trends, 2010–2014. Source: IP Checkups.

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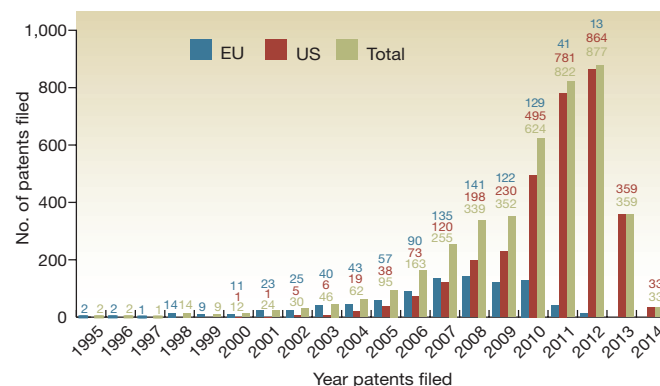


Figure 2 Application dates of research patents issued in 2014. The bulk of biotech patents granted by the US Patent and Trademark Office in 2014 were filed in 2011–2012. For the European Patent Office, the majority were filed in 2007–2008. Source: IP Checkups.

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