

Top US universities and institutes for life sciences in 2013

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Using a ranking of US research institutions based on five years (2009–2013) of total gross licensing revenue reported by the Association of University Technology Managers, *Nature Biotechnology* obtained detailed life science commercialization information for 2013, which is shown for major universities (Table 1) and biomedical research institutes (Table 2).

Although the number of licenses executed from this group was down slightly year on year (–2%), the number of life science startups increased by 43%, with the University of California system contributing 18 more than in 2012. Life sciences continue to drive startup creation (Fig. 1), with Northwestern University topping the license income earners (Fig. 2).

Table 1 US universities^a ranked by licenses executed, together with licensing revenue, life science startups and US National Institutes of Health (NIH) awards and funding.

University	Licenses and/or options executed	Gross licensing revenue received	Startups	NIH awards ^b	NIH funding ^b
University of California system	236	\$97,218,208	55	4,239	\$1,741,730,393
University of Washington/Washington Research Foundation	134	\$47,428,701	9	932	\$454,274,167
Columbia University	55	\$137,000,000	6	860	\$348,146,222
University of Minnesota	48	\$34,400,000	9	608	\$264,302,067
New York University	29	\$213,137,273	5	612	\$220,178,414
Wake Forest University	23	\$2,206,625	4	242	\$101,760,292
Northwestern University	22	\$256,163,456	3	593	\$233,095,315
University of Rochester	8	\$27,139,128	0	382	\$146,849,347
University of Massachusetts	7	\$32,624,826	1	392	\$158,659,306
Princeton University	4	\$130,000,000	1	117	\$39,609,228

^aMassachusetts Institute of Technology, Stanford University, University of Wisconsin–Madison and the University of Texas system also ranked highly in gross licensing revenue but could not provide information specific to life sciences. ^bNIH data shown for fiscal year 2013. Source: Association of University Technology Managers, university technology transfer offices, NIH.

Table 2 US biomedical research institutes ranked by licenses executed, together with revenue, startups and US National Institutes of Health (NIH) awards and funding in 2013.

Research institute	Licenses and/or options executed	Gross licensing revenue received	Startups	NIH awards ^a	NIH funding ^a
Massachusetts General Hospital	111	\$75,897,375	14	788	\$339,490,480
Mayo Foundation for Medical Education and Research	86	\$27,778,237	5	376	\$192,248,756
Brigham & Women's Hospital	51	\$8,015,833	5	576	\$315,919,592
Memorial Sloan Kettering Cancer Center	43	\$148,457,432	2	241	\$111,289,141
Cleveland Clinic	38	\$11,945,033	5	203	\$82,188,005
Boston Children's Hospital	35	\$9,577,933	2	303	\$126,812,298
Fred Hutchinson Cancer Research Center	18	\$10,684,882	0	269	\$199,131,915
City of Hope and Beckman Research Institute	11	\$249,371,883	2	85	\$36,942,940
Wistar Institute	6	\$19,285,000	0	55	\$25,344,586
Cedars-Sinai Medical Center	6	\$12,122,483	1	71	\$27,956,249

^aNIH data shown for fiscal year 2013. Source: Association of University Technology Managers, university technology transfer offices, NIH.

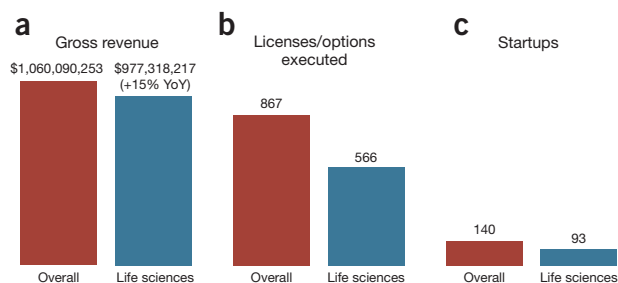


Figure 1 The life sciences accounted for the majority of gross revenue, licenses executed and startups in 2013 (a-c) calculated from our list of selected universities (Table 1). Source: Association of University Technology Managers, university tech transfer offices.

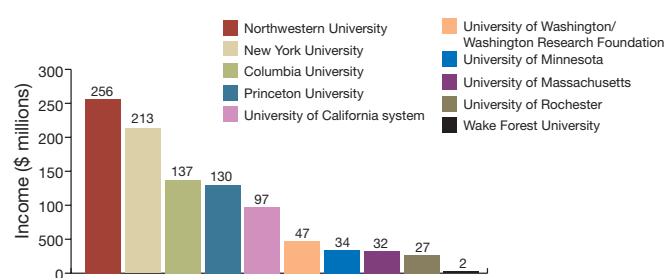


Figure 2 Life science licensing income earners. Source: Association of University Technology Managers, university tech transfer offices.

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