

# World Sci-Tech Level Factbook

## 世界科技水平概况

Global Scientific Index GSIndex on November 2019

环球科技指数 2019年11月

### IMMUNOLOGY 免疫学

760 Best Institutes on the World

世界760个最好的机构

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|    | Institutes<br>机构                                                   | GSIndex<br>环球科技指数 | RGSIndex<br>相对环球科技指数（哈佛大学 HARVARD UNIVERSITY =100 ） |
|----|--------------------------------------------------------------------|-------------------|-----------------------------------------------------|
| 1  | US DEPT HLTH HUMAN SERVICES                                        | 12255096          | 115.086864                                          |
| 2  | HARVARD UNIVERSITY                                                 | 10648562          | 100                                                 |
| 3  | UNIVERSITY OF CALIFORNIA SYSTEM                                    | 10054204          | 94.418422                                           |
| 4  | HOWARD HUGHES MEDICAL INSTITUTE                                    | 9777378           | 91.818764                                           |
| 5  | HARVARD UNIV MEDICAL AFFILIATES                                    | 9595079           | 90.106805                                           |
| 6  | VA BOSTON HEALTHCARE SYSTEM                                        | 9586691           | 90.028033                                           |
| 7  | NATIONAL INSTITUTES OF HEALTH (NIH) – USA                          | 9312204           | 87.450342                                           |
| 8  | INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) | 5858092           | 55.012989                                           |
| 9  | UNIVERSITY OF LONDON                                               | 5091718           | 47.816019                                           |
| 10 | NIH NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES (NIAID)    | 4912116           | 46.129386                                           |
| 11 | BRIGHAM & WOMEN'S HOSPITAL                                         | 4227128           | 39.696706                                           |

|    |                                                              |         |           |
|----|--------------------------------------------------------------|---------|-----------|
| 12 | UNIVERSITY OF CALIFORNIA SAN FRANCISCO                       | 4190983 | 39.357271 |
| 13 | WASHINGTON UNIVERSITY (WUSTL)                                | 4008957 | 37.647873 |
| 14 | UNIVERSITY OF PENNSYLVANIA                                   | 3843946 | 36.098266 |
| 15 | JOHNS HOPKINS UNIVERSITY                                     | 3700713 | 34.753171 |
| 16 | UNIVERSITY OF TEXAS SYSTEM                                   | 3681162 | 34.569571 |
| 17 | CENTERS FOR DISEASE CONTROL & PREVENTION – USA               | 3622940 | 34.022814 |
| 18 | YALE UNIVERSITY                                              | 3353545 | 31.492934 |
| 19 | UNIVERSITY OF OXFORD                                         | 3077512 | 28.900729 |
| 20 | ASSISTANCE PUBLIQUE HOPITAUX PARIS (APHP)                    | 3043048 | 28.577079 |
| 21 | UNIVERSITY OF WASHINGTON                                     | 2841899 | 26.688102 |
| 22 | UNIVERSITY OF WASHINGTON SEATTLE                             | 2785523 | 26.158679 |
| 23 | PENNSYLVANIA COMMONWEALTH SYSTEM OF HIGHER EDUCATION (PCSHE) | 2784544 | 26.149480 |
| 24 | UNIVERSITE SORBONNE PARIS CITE-USPC (COMUE)                  | 2731799 | 25.654159 |
| 25 | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI                      | 2717741 | 25.522142 |
| 26 | UNIVERSITE DE PARIS                                          | 2678708 | 25.155586 |
| 27 | MASSACHUSETTS GENERAL HOSPITAL                               | 2636948 | 24.763420 |
| 28 | IMPERIAL COLLEGE LONDON                                      | 2491737 | 23.399746 |
| 29 | ROCKEFELLER UNIVERSITY                                       | 2442420 | 22.936622 |
| 30 | CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)          | 2433903 | 22.856632 |
| 31 | UNIVERSITY OF CALIFORNIA SAN DIEGO                           | 2425213 | 22.775032 |
| 32 | MEMORIAL SLOAN KETTERING CANCER CENTER                       | 2420377 | 22.729616 |
| 33 | OSAKA UNIVERSITY                                             | 2406164 | 22.596138 |
| 34 | UNIVERSITY OF CALIFORNIA LOS ANGELES                         | 2388288 | 22.428272 |
| 35 | EMORY UNIVERSITY                                             | 2352161 | 22.088997 |
| 36 | UNIVERSITY OF MELBOURNE                                      | 2347114 | 22.041609 |

|    |                                                      |         |            |
|----|------------------------------------------------------|---------|------------|
| 37 | STANFORD UNIVERSITY                                  | 2340780 | 21. 982125 |
| 38 | NIH NATIONAL CANCER INSTITUTE (NCI)                  | 2320441 | 21. 791122 |
| 39 | UNIVERSITY OF PARIS DESCARTES                        | 2293213 | 21. 535420 |
| 40 | UNIVERSITY OF PITTSBURGH                             | 2254575 | 21. 172573 |
| 41 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)          | 2247075 | 21. 102148 |
| 42 | KAROLINSKA INSTITUTET                                | 2203765 | 20. 695425 |
| 43 | DUKE UNIVERSITY                                      | 2163315 | 20. 315558 |
| 44 | HELMHOLTZ ASSOCIATION                                | 2157949 | 20. 265172 |
| 45 | NEW YORK UNIVERSITY                                  | 2133167 | 20. 032441 |
| 46 | UNIVERSITY COLLEGE LONDON                            | 2062953 | 19. 373062 |
| 47 | UNIVERSITY OF ZURICH                                 | 2019794 | 18. 967766 |
| 48 | UNIVERSITY OF MASSACHUSETTS SYSTEM                   | 2009497 | 18. 871068 |
| 49 | UNIVERSITY OF MASSACHUSETTS WORCESTER                | 2002159 | 18. 802155 |
| 50 | BOSTON CHILDREN' S HOSPITAL                          | 1990440 | 18. 692101 |
| 51 | UNIVERSITY OF MICHIGAN                               | 1952082 | 18. 331880 |
| 52 | UNIVERSITY OF MICHIGAN SYSTEM                        | 1952082 | 18. 331880 |
| 53 | GENENTECH                                            | 1938299 | 18. 202444 |
| 54 | UNIV SYS OHIO                                        | 1913783 | 17. 972218 |
| 55 | UNIVERSITY OF MINNESOTA SYSTEM                       | 1912692 | 17. 961973 |
| 56 | LE RESEAU INTERNATIONAL DES INSTITUTS PASTEUR (RIIP) | 1906656 | 17. 905293 |
| 57 | DANA-FARBER CANCER INSTITUTE                         | 1900781 | 17. 850123 |
| 58 | UNIVERSITY OF MINNESOTA TWIN CITIES                  | 1889678 | 17. 745855 |
| 59 | ROCHE HOLDING                                        | 1846214 | 17. 337682 |
| 60 | UNIVERSITY OF ALABAMA SYSTEM                         | 1788255 | 16. 793399 |
| 61 | UNIVERSITY OF ALABAMA BIRMINGHAM                     | 1770594 | 16. 627536 |

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|----|----------------------------------------------|---------|------------|
| 62 | UNIVERSITY OF AMSTERDAM                      | 1767002 | 16. 593805 |
| 63 | KINGS COLLEGE LONDON                         | 1745449 | 16. 391410 |
| 64 | INSTITUT PASTEUR PARIS                       | 1731969 | 16. 264818 |
| 65 | ACADEMIC MEDICAL CENTER AMSTERDAM            | 1719320 | 16. 146028 |
| 66 | UNIVERSITY OF BONN                           | 1710350 | 16. 061790 |
| 67 | UNIVERSITY OF COLORADO SYSTEM                | 1695975 | 15. 926797 |
| 68 | JAPAN SCIENCE & TECHNOLOGY AGENCY (JST)      | 1685363 | 15. 827141 |
| 69 | ST JUDE CHILDREN'S RESEARCH HOSPITAL         | 1684542 | 15. 819433 |
| 70 | UNIVERSITY OF NORTH CAROLINA                 | 1676894 | 15. 747610 |
| 71 | RIKEN                                        | 1654620 | 15. 538436 |
| 72 | UNIVERSITY OF LAUSANNE                       | 1632777 | 15. 333314 |
| 73 | COLUMBIA UNIVERSITY                          | 1629634 | 15. 303790 |
| 74 | UNIVERSITY OF CHICAGO                        | 1612629 | 15. 144104 |
| 75 | MONASH UNIVERSITY                            | 1591268 | 14. 943502 |
| 76 | CORNELL UNIVERSITY                           | 1578119 | 14. 820016 |
| 77 | TECHNICAL UNIVERSITY OF MUNICH               | 1574273 | 14. 783898 |
| 78 | DAVID GEFFEN SCHOOL OF MEDICINE AT UCLA      | 1550162 | 14. 557477 |
| 79 | UNIVERSITY OF NORTH CAROLINA CHAPEL HILL     | 1548748 | 14. 544200 |
| 80 | UNIVERSITY OF TORONTO                        | 1528158 | 14. 350839 |
| 81 | MRC NATIONAL INSTITUTE FOR MEDICAL RESEARCH  | 1491595 | 14. 007481 |
| 82 | FREE UNIVERSITY OF BERLIN                    | 1488922 | 13. 982375 |
| 83 | UNIVERSITY OF COLORADO HEALTH SCIENCE CENTER | 1482496 | 13. 922025 |
| 84 | AIX-MARSEILLE UNIVERSITE                     | 1479711 | 13. 895880 |
| 85 | UNIVERSITY OF EDINBURGH                      | 1458181 | 13. 693688 |
| 86 | SORBONNE UNIVERSITE                          | 1455521 | 13. 668712 |

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|-----|--------------------------------------------------------|---------|------------|
| 87  | HUMBOLDT UNIVERSITY OF BERLIN                          | 1444853 | 13. 568524 |
| 88  | UNIVERSITY OF MUNICH                                   | 1415308 | 13. 291071 |
| 89  | CHARITE MEDICAL UNIVERSITY OF BERLIN                   | 1409355 | 13. 235171 |
| 90  | UTMD ANDERSON CANCER CENTER                            | 1402929 | 13. 174821 |
| 91  | GHEENT UNIVERSITY                                      | 1402867 | 13. 174237 |
| 92  | TRINITY COLLEGE DUBLIN                                 | 1373289 | 12. 896473 |
| 93  | ERASMUS UNIVERSITY ROTTERDAM                           | 1369833 | 12. 864018 |
| 94  | UTRECHT UNIVERSITY                                     | 1367097 | 12. 838327 |
| 95  | ERASMUS UNIVERSITY MEDICAL CENTER                      | 1354747 | 12. 722350 |
| 96  | WORLD HEALTH ORGANIZATION                              | 1349462 | 12. 672718 |
| 97  | LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY            | 1340397 | 12. 587584 |
| 98  | LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE           | 1337394 | 12. 559388 |
| 99  | CALIFORNIA INSTITUTE OF TECHNOLOGY                     | 1264440 | 11. 874279 |
| 100 | BROAD INSTITUTE                                        | 1259957 | 11. 832182 |
| 101 | RADBOUD UNIVERSITY NIJMEGEN                            | 1249685 | 11. 735717 |
| 102 | UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER DALLAS | 1245757 | 11. 698832 |
| 103 | UNIVERSITY SYSTEM OF MARYLAND                          | 1241575 | 11. 659560 |
| 104 | UNIVERSITY OF TOKYO                                    | 1221747 | 11. 473356 |
| 105 | UNIVERSITY OF MILAN                                    | 1217254 | 11. 431156 |
| 106 | UNIVERSITY OF QUEENSLAND                               | 1209367 | 11. 357090 |
| 107 | KAROLINSKA UNIVERSITY HOSPITAL                         | 1202538 | 11. 292958 |
| 108 | STATE UNIVERSITY SYSTEM OF FLORIDA                     | 1190492 | 11. 179841 |
| 109 | JOHNS HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH        | 1174464 | 11. 029317 |
| 110 | UNIVERSITY OF BASEL                                    | 1141759 | 10. 722186 |
| 111 | UNIVERSITY OF MANCHESTER                               | 1139449 | 10. 700492 |

|     |                                                     |         |            |
|-----|-----------------------------------------------------|---------|------------|
| 112 | HARVARD T.H. CHAN SCHOOL OF PUBLIC HEALTH           | 1137288 | 10. 680204 |
| 113 | UNIVERSITY OF CINCINNATI                            | 1136216 | 10. 670132 |
| 114 | MAX PLANCK SOCIETY                                  | 1134000 | 10. 649326 |
| 115 | UNIVERSITY OF WISCONSIN SYSTEM                      | 1125780 | 10. 572130 |
| 116 | UNICANCER                                           | 1124220 | 10. 557480 |
| 117 | UNIVERSITY OF WISCONSIN MADISON                     | 1116182 | 10. 481999 |
| 118 | AGENCY FOR SCIENCE TECHNOLOGY & RESEARCH (ASTAR)    | 1110372 | 10. 427441 |
| 119 | YESHIVA UNIVERSITY                                  | 1104261 | 10. 370049 |
| 120 | SINGAPORE IMMUNOLOGY NETWORK                        | 1102632 | 10. 354749 |
| 121 | UNIV TORONTO AFFILIATES                             | 1101901 | 10. 347884 |
| 122 | CASE WESTERN RESERVE UNIVERSITY                     | 1096532 | 10. 297464 |
| 123 | HOPITAL UNIVERSITAIRE NECKER-ENFANTS MALADES - APHP | 1093737 | 10. 271222 |
| 124 | UNIVERSITY OF COPENHAGEN                            | 1089305 | 10. 229596 |
| 125 | FRED HUTCHINSON CANCER CENTER                       | 1072333 | 10. 070216 |
| 126 | UNIVERSITY OF CAMBRIDGE                             | 1070343 | 10. 051530 |
| 127 | WALTER & ELIZA HALL INSTITUTE                       | 1065870 | 10. 009518 |
| 128 | FLANDERS INSTITUTE FOR BIOTECHNOLOGY                | 1062387 | 9. 976814  |
| 129 | HEALTH PROTECTION AGENCY                            | 1043429 | 9. 798782  |
| 130 | UTRECHT UNIVERSITY MEDICAL CENTER                   | 1030400 | 9. 676426  |
| 131 | BETH ISRAEL DEACONESS MEDICAL CENTER                | 1028034 | 9. 654203  |
| 132 | UNIVERSITY OF GENEVA                                | 1026384 | 9. 638707  |
| 133 | UNIVERSITY OF NEW SOUTH WALES SYDNEY                | 1022823 | 9. 605270  |
| 134 | NORTHWESTERN UNIVERSITY                             | 1013042 | 9. 513418  |
| 135 | NATIONAL JEWISH HEALTH                              | 1012818 | 9. 511317  |
| 136 | TUFTS UNIVERSITY                                    | 1007649 | 9. 462772  |

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|-----|-----------------------------------------------------------------------|---------|-----------|
| 137 | VANDERBILT UNIVERSITY                                                 | 1005218 | 9. 439937 |
| 138 | MCGILL UNIVERSITY                                                     | 1002129 | 9. 410935 |
| 139 | UNIVERSITY OF GENOA                                                   | 993439  | 9. 329329 |
| 140 | LUDWIG INSTITUTE FOR CANCER RESEARCH                                  | 993344  | 9. 328434 |
| 141 | CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER                         | 978734  | 9. 191233 |
| 142 | MRC LABORATORY MOLECULAR BIOLOGY                                      | 970112  | 9. 110265 |
| 143 | VRIJE UNIVERSITEIT AMSTERDAM                                          | 964938  | 9. 061670 |
| 144 | SCRIPPS RESEARCH INSTITUTE                                            | 962771  | 9. 041323 |
| 145 | KYOTO UNIVERSITY                                                      | 958944  | 9. 005381 |
| 146 | UNIVERSITY OF BERN                                                    | 953831  | 8. 957367 |
| 147 | UNIVERSITY OF MARYLAND BALTIMORE                                      | 939485  | 8. 822643 |
| 148 | UNIVERSITY OF BARCELONA                                               | 935079  | 8. 781272 |
| 149 | UNIVERSITY OF BRITISH COLUMBIA                                        | 932292  | 8. 755098 |
| 150 | NIH NATIONAL INSTITUTE OF ARTHRITIS & MUSCULOSKELETAL & SKIN DISEASES | 932046  | 8. 752792 |
| 151 | LEIDEN UNIVERSITY                                                     | 931434  | 8. 747036 |
| 152 | IRCCS ISTITUTO CLINICO HUMANITAS                                      | 931416  | 8. 746867 |
| 153 | UNIVERSITY OF VIRGINIA                                                | 922477  | 8. 662927 |
| 154 | MERCK & COMPANY                                                       | 914659  | 8. 589509 |
| 155 | HANNOVER MEDICAL SCHOOL                                               | 910539  | 8. 550817 |
| 156 | UNIVERSITY OF ROCHESTER                                               | 901596  | 8. 466836 |
| 157 | UNIVERSITY OF CAPE TOWN                                               | 896586  | 8. 419785 |
| 158 | ALBERT EINSTEIN COLLEGE OF MEDICINE                                   | 880477  | 8. 268509 |
| 159 | PROGRAM IN CELLULAR & MOLECULAR MEDICINE (PCMM)                       | 879540  | 8. 259704 |
| 160 | BAYLOR COLLEGE OF MEDICINE                                            | 866926  | 8. 141245 |
| 161 | GUY'S & ST THOMAS' NHS FOUNDATION TRUST                               | 864183  | 8. 115489 |

|     |                                                    |        |           |
|-----|----------------------------------------------------|--------|-----------|
| 162 | UNIVERSITY OF CALIFORNIA BERKELEY                  | 851536 | 7. 996723 |
| 163 | UNIVERSITY OF CALIFORNIA DAVIS                     | 836159 | 7. 852320 |
| 164 | UNIVERSITY OF IOWA                                 | 834007 | 7. 832108 |
| 165 | CENTRE HOSPITALIER UNIVERSITAIRE<br>VAUDOIS (CHUV) | 830635 | 7. 800445 |
| 166 | JOHNS HOPKINS MEDICINE                             | 828060 | 7. 776266 |
| 167 | CARDIFF UNIVERSITY                                 | 827506 | 7. 771061 |
| 168 | UNIVERSITY OF FREIBURG                             | 824924 | 7. 746812 |
| 169 | UNIV PARIS SACLAY COMUE                            | 817965 | 7. 681457 |
| 170 | NOVARTIS                                           | 807670 | 7. 584777 |
| 171 | WEIZMANN INSTITUTE OF SCIENCE                      | 806683 | 7. 575515 |
| 172 | BOSTON UNIVERSITY                                  | 801779 | 7. 529461 |
| 173 | UNIVERSITE PARIS SACLAY                            | 800907 | 7. 521272 |
| 174 | UNIVERSITY OF ATHENS                               | 799846 | 7. 511303 |
| 175 | US DEPARTMENT OF VETERAN AFFAIRS                   | 795622 | 7. 471636 |
| 176 | STATE UNIVERSITY OF NEW YORK (SUNY)<br>SYSTEM      | 792040 | 7. 438004 |
| 177 | RUTGERS STATE UNIVERSITY NEW<br>BRUNSWICK          | 791873 | 7. 436428 |
| 178 | CLEVELAND CLINIC FOUNDATION                        | 787572 | 7. 396038 |
| 179 | OHIO STATE UNIVERSITY                              | 779881 | 7. 323814 |
| 180 | CHILDREN' S HOSPITAL COLORADO                      | 779779 | 7. 322857 |
| 181 | RUTGERS STATE UNIVERSITY MEDICAL<br>CENTER         | 779569 | 7. 320887 |
| 182 | UNIVERSITY SYSTEM OF GEORGIA                       | 757690 | 7. 115420 |
| 183 | GARVAN INSTITUTE OF MEDICAL<br>RESEARCH            | 757634 | 7. 114900 |
| 184 | CNRS – NATIONAL INSTITUTE FOR<br>BIOLOGY (INSB)    | 757527 | 7. 113890 |
| 185 | SWISS FEDERAL INSTITUTES OF<br>TECHNOLOGY DOMAIN   | 750876 | 7. 051431 |
| 186 | CANCER RESEARCH UK                                 | 746307 | 7. 008525 |



|     |                                                                    |        |           |
|-----|--------------------------------------------------------------------|--------|-----------|
| 187 | MEDICAL UNIVERSITY OF VIENNA                                       | 739552 | 6. 945091 |
| 188 | UNIVERSITY OF SYDNEY                                               | 738746 | 6. 937523 |
| 189 | JOHANNES GUTENBERG UNIVERSITY OF MAINZ                             | 733184 | 6. 885283 |
| 190 | RAGON INSTITUTE                                                    | 726750 | 6. 824868 |
| 191 | HELMHOLTZ-CENTER MUNICH – GERMAN RESEARCH CENTER FOR ENVIRONMENTAL | 722727 | 6. 787087 |
| 192 | CHINESE ACADEMY OF SCIENCES                                        | 722424 | 6. 784235 |
| 193 | UNIVERSITY OF MIAMI                                                | 720202 | 6. 763371 |
| 194 | RUPRECHT KARLS UNIVERSITY HEIDELBERG                               | 713144 | 6. 697095 |
| 195 | UNIVERSITY OF BIRMINGHAM                                           | 711902 | 6. 685431 |
| 196 | SCIENCE APPLICATIONS INTERNATIONAL CORPORATION (SAIC)              | 709432 | 6. 662231 |
| 197 | OREGON HEALTH & SCIENCE UNIVERSITY                                 | 705785 | 6. 627988 |
| 198 | UNIVERSITY OF SOUTHAMPTON                                          | 703391 | 6. 605499 |
| 199 | UNIVERSITY OF ERLANGEN NUREMBERG                                   | 702798 | 6. 599935 |
| 200 | TEL AVIV UNIVERSITY                                                | 701962 | 6. 592081 |
| 201 | UNIVERSITE DE MONTPELLIER                                          | 700920 | 6. 582297 |
| 202 | FEINBERG SCHOOL OF MEDICINE                                        | 698054 | 6. 555385 |
| 203 | UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER HOUSTON                  | 695094 | 6. 527587 |
| 204 | MAYO CLINIC                                                        | 693514 | 6. 512748 |
| 205 | UNIVERSITE PARIS SUD – PARIS 11                                    | 690687 | 6. 486196 |
| 206 | GLAXOSMITHKLINE                                                    | 687679 | 6. 457954 |
| 207 | MCMASTER UNIVERSITY                                                | 687497 | 6. 456244 |
| 208 | HOSPITAL CLINIC DE BARCELONA                                       | 684379 | 6. 426962 |
| 209 | UNIVERSITY OF LIVERPOOL                                            | 678644 | 6. 373104 |
| 210 | UNIVERSITA DELLA SVIZZERA ITALIANA                                 | 673625 | 6. 325973 |
| 211 | TUFTS MEDICAL CENTER                                               | 672538 | 6. 315760 |

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|-----|-----------------------------------------------------|--------|-----------|
| 212 | UNIVERSITY OF GLASGOW                               | 655544 | 6. 156173 |
| 213 | UNIVERSITY OF CALGARY                               | 654933 | 6. 150436 |
| 214 | UNIVERSITY OF MANITOBA                              | 651602 | 6. 119158 |
| 215 | INSTITUT CURIE                                      | 647204 | 6. 077850 |
| 216 | UNIVERSITY OF SOUTH FLORIDA                         | 643450 | 6. 042603 |
| 217 | UNIVERSITY OF CALIFORNIA LOS ANGELES MEDICAL CENTER | 643352 | 6. 041682 |
| 218 | UNIVERSITY OF PARIS DIDEROT                         | 640446 | 6. 014387 |
| 219 | NATIONAL UNIVERSITY OF SINGAPORE                    | 638829 | 5. 999202 |
| 220 | CIBER – CENTRO DE INVESTIGACION BIOMEDICA EN RED    | 637759 | 5. 989155 |
| 221 | PENN MED                                            | 633044 | 5. 944877 |
| 222 | UNIVERSITY OF GRONINGEN                             | 630626 | 5. 922168 |
| 223 | BROWN UNIVERSITY                                    | 617558 | 5. 799453 |
| 224 | PSL RESEARCH UNIVERSITY PARIS (COMUE)               | 610957 | 5. 737459 |
| 225 | KEIO UNIVERSITY                                     | 609095 | 5. 719974 |
| 226 | NIH NATIONAL HEART LUNG & BLOOD INSTITUTE (NHLBI)   | 604934 | 5. 680898 |
| 227 | PFIZER                                              | 602057 | 5. 653884 |
| 228 | UNIVERSITY OF COLORADO DENVER                       | 598945 | 5. 624653 |
| 229 | VETERANS HEALTH ADMINISTRATION (VHA)                | 594191 | 5. 580010 |
| 230 | INDIANA UNIVERSITY SYSTEM                           | 594001 | 5. 578229 |
| 231 | HOPITAL UNIVERSITAIRE PITIE-SALPETRIERE – APHP      | 575654 | 5. 405931 |
| 232 | PETER MACCALLUM CANCER CENTER                       | 574193 | 5. 392208 |
| 233 | SACKLER FACULTY OF MEDICINE                         | 566887 | 5. 323602 |
| 234 | INDIANA UNIVERSITY-PURDUE UNIVERSITY INDIANAPOLIS   | 564094 | 5. 297373 |
| 235 | GUSTAVE ROUSSY                                      | 560929 | 5. 267647 |
| 236 | GERMAN CANCER RESEARCH CENTER (DKFZ)                | 559429 | 5. 253559 |

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|-----|--------------------------------------------------|--------|-----------|
| 237 | STATENS SERUM INSTITUT                           | 558628 | 5. 246041 |
| 238 | SWISS INSTITUTE OF ALLERGY & ASTHMA RESEARCH     | 555012 | 5. 212084 |
| 239 | H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE | 554666 | 5. 208833 |
| 240 | UNIVERSITY OF COLOGNE                            | 553202 | 5. 195087 |
| 241 | UNIVERSITY OF VERONA                             | 551497 | 5. 179073 |
| 242 | UNIVERSITY OF FLORIDA                            | 541290 | 5. 083223 |
| 243 | TRUDEAU INSTITUTE                                | 537897 | 5. 051357 |
| 244 | ASTRAZENECA                                      | 537222 | 5. 045021 |
| 245 | CHILDRENS HOSPITAL OF PHILADELPHIA               | 536971 | 5. 042661 |
| 246 | RADY CHILDRENS HOSPITAL SAN DIEGO                | 536479 | 5. 038040 |
| 247 | LUND UNIVERSITY                                  | 536452 | 5. 037788 |
| 248 | UNIVERSITY OF PADUA                              | 534247 | 5. 017079 |
| 249 | GHEENT UNIVERSITY HOSPITAL                       | 533711 | 5. 012047 |
| 250 | UNITED STATES DEPARTMENT OF DEFENSE              | 533414 | 5. 009257 |
| 251 | UNIVERSITY OF MONTREAL                           | 529554 | 4. 973007 |
| 252 | UNIVERSITY OF OSLO                               | 528738 | 4. 965346 |
| 253 | EBERHARD KARLS UNIVERSITY OF TUBINGEN            | 527887 | 4. 957357 |
| 254 | SAN FRANCISCO GENERAL HOSPITAL MEDICAL CENTER    | 524901 | 4. 929315 |
| 255 | UNIVERSITE LIBRE DE BRUXELLES                    | 519958 | 4. 882893 |
| 256 | KU LEUVEN                                        | 518133 | 4. 865760 |
| 257 | UNIVERSIDADE DE SAO PAULO                        | 513038 | 4. 817906 |
| 258 | WAYNE STATE UNIVERSITY                           | 509006 | 4. 780043 |
| 259 | UNIV BRETAGNE LOIRE                              | 508428 | 4. 774617 |
| 260 | UNIVERSITY OF HELSINKI                           | 507616 | 4. 766990 |
| 261 | SAIC-FREDERICK                                   | 506422 | 4. 755780 |

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|-----|-----------------------------------------------------------------------|--------|-----------|
| 262 | UNIVERSITY OF TEXAS MEDICAL BRANCH<br>GALVESTON                       | 502796 | 4. 721722 |
| 263 | AUSTRALIAN NATIONAL UNIVERSITY                                        | 500879 | 4. 703720 |
| 264 | QUEEN MARY UNIVERSITY LONDON                                          | 499523 | 4. 690989 |
| 265 | ROYAL MELBOURNE HOSPITAL                                              | 498553 | 4. 681881 |
| 266 | UNIVERSITY OF ABERDEEN                                                | 494440 | 4. 643260 |
| 267 | UNIVERSITY OF WESTERN AUSTRALIA                                       | 493393 | 4. 633423 |
| 268 | NIH NATIONAL HUMAN GENOME RESEARCH<br>INSTITUTE (NHGRI)               | 490664 | 4. 607795 |
| 269 | NORTHWELL HEALTH                                                      | 487410 | 4. 577242 |
| 270 | NETHERLANDS NATIONAL INSTITUTE FOR<br>PUBLIC HEALTH & THE ENVIRONMENT | 484474 | 4. 549662 |
| 271 | QIMR BERGHOFFER MEDICAL RESEARCH<br>INSTITUTE                         | 480274 | 4. 510221 |
| 272 | UNIVERSITY OF WITWATERSRAND                                           | 477479 | 4. 483979 |
| 273 | CONSEJO SUPERIOR DE INVESTIGACIONES<br>CIENTIFICAS (CSIC)             | 477183 | 4. 481201 |
| 274 | AUGUSTA UNIVERSITY                                                    | 473004 | 4. 441952 |
| 275 | UNIVERSITY HEALTH NETWORK TORONTO                                     | 471815 | 4. 430788 |
| 276 | UNIVERSITY HOSPITAL OF BERN                                           | 469788 | 4. 411750 |
| 277 | BENAROYA RESEARCH INSTITUTE                                           | 468411 | 4. 398817 |
| 278 | FUNDACAO OSWALDO CRUZ                                                 | 466606 | 4. 381869 |
| 279 | MEDICAL UNIVERSITY OF INNSBRUCK                                       | 464225 | 4. 359508 |
| 280 | UNIVERSITY OF MUNSTER                                                 | 463037 | 4. 348354 |
| 281 | VITA-SALUTE SAN RAFFAELE UNIVERSITY                                   | 460812 | 4. 327460 |
| 282 | CHU DE MONTPELLIER                                                    | 458461 | 4. 305384 |
| 283 | ROYAL BRISBANE & WOMEN'S HOSPITAL                                     | 457185 | 4. 293395 |
| 284 | UNIVERSITY OF WURZBURG                                                | 455585 | 4. 278373 |
| 285 | ETH ZURICH                                                            | 455204 | 4. 274789 |
| 286 | HOPITAL UNIVERSITAIRE EUROPEEN<br>GEORGES-POMPIDOU - APHP             | 453889 | 4. 262442 |

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| 287 | HEINRICH HEINE UNIVERSITY<br>DUSSELDORF                 | 453055 | 4. 254611 |
| 288 | UNIVERSITY OF ILLINOIS SYSTEM                           | 451945 | 4. 244189 |
| 289 | UNIVERSITY OF BRISTOL                                   | 449900 | 4. 224988 |
| 290 | BAYLOR RESEARCH INSTITUTE                               | 449731 | 4. 223393 |
| 291 | INSTITUT DE RECHERCHE POUR LE<br>DEVELOPPEMENT (IRD)    | 446168 | 4. 189934 |
| 292 | UNIVERSITY OF ARKANSAS SYSTEM                           | 445531 | 4. 183953 |
| 293 | HELMHOLTZ-CENTER FOR INFECTION<br>RESEARCH              | 443534 | 4. 165198 |
| 294 | UNIVERSITY OF NEBRASKA SYSTEM                           | 439289 | 4. 125339 |
| 295 | UNIVERSITY OF SOUTHERN CALIFORNIA                       | 438801 | 4. 120754 |
| 296 | AARHUS UNIVERSITY                                       | 436404 | 4. 098240 |
| 297 | ODENSE UNIVERSITY HOSPITAL                              | 431189 | 4. 049271 |
| 298 | UNITED STATES ARMY                                      | 426303 | 4. 003384 |
| 299 | KAISER PERMANENTE                                       | 425198 | 3. 993004 |
| 300 | KIRBY INSTITUTE                                         | 424267 | 3. 984264 |
| 301 | FLOREY INSTITUTE OF NEUROSCIENCE &<br>MENTAL HEALTH     | 418273 | 3. 927977 |
| 302 | UNIVERSITY OF ARKANSAS MEDICAL<br>SCIENCES              | 417458 | 3. 920322 |
| 303 | IRCCS EUROPEAN INSTITUTE OF<br>ONCOLOGY (IEO)           | 417092 | 3. 916884 |
| 304 | DARTMOUTH COLLEGE                                       | 415189 | 3. 899016 |
| 305 | MAHIDOL UNIVERSITY                                      | 412640 | 3. 875077 |
| 306 | HOPITAL UNIVERSITAIRE SAINT-LOUIS –<br>APHP             | 412174 | 3. 870703 |
| 307 | HOSPITAL FOR SICK CHILDREN<br>(SICKKIDS)                | 411558 | 3. 864912 |
| 308 | DRESDEN UNIVERSITY OF TECHNOLOGY                        | 408573 | 3. 836882 |
| 309 | NEWCASTLE UNIVERSITY – UK                               | 407034 | 3. 822434 |
| 310 | ULM UNIVERSITY                                          | 403346 | 3. 787799 |
| 311 | INSTITUT NATIONAL DE LA RECHERCHE<br>AGRONOMIQUE (INRA) | 402452 | 3. 779402 |

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| 312 | ASSISTANCE PUBLIQUE-HOPITAUX DE MARSEILLE           | 401413 | 3. 769644 |
| 313 | LAVAL UNIVERSITY                                    | 399887 | 3. 755315 |
| 314 | UNIVERSITE CATHOLIQUE LOUVAIN                       | 399659 | 3. 753177 |
| 315 | MURDOCH CHILDREN' S RESEARCH INSTITUTE              | 399012 | 3. 747102 |
| 316 | ADDENBROOKE' S HOSPITAL                             | 398204 | 3. 739514 |
| 317 | CAMBRIDGE UNIVERSITY HOSPITALS NHS FOUNDATION TRUST | 398204 | 3. 739514 |
| 318 | NIH FOGARTY INTERNATIONAL CENTER (FIC)              | 397034 | 3. 728523 |
| 319 | RIGSHOSPITALET                                      | 396423 | 3. 722781 |
| 320 | GEORGE WASHINGTON UNIVERSITY                        | 390552 | 3. 667649 |
| 321 | HARVARD MEDICAL SCHOOL                              | 389205 | 3. 654997 |
| 322 | UNIVERSITY OF NEBRASKA MEDICAL CENTER               | 389190 | 3. 654857 |
| 323 | WALTER REED ARMY INSTITUTE OF RESEARCH (WRAIR)      | 388496 | 3. 648342 |
| 324 | UCL MEDICAL SCHOOL                                  | 386941 | 3. 633741 |
| 325 | MEDICAL COLLEGE OF WISCONSIN                        | 386009 | 3. 624991 |
| 326 | WELLCOME TRUST SANGER INSTITUTE                     | 380943 | 3. 577414 |
| 327 | JOHN CURTIN SCHOOL OF MEDICAL RESEARCH              | 378144 | 3. 551127 |
| 328 | UNIVERSITY OF HAMBURG                               | 374264 | 3. 514693 |
| 329 | CHAIM SHEBA MEDICAL CENTER                          | 373977 | 3. 512000 |
| 330 | SWEDISH INSTITUTE FOR INFECTIOUS DISEASE CONTROL    | 373332 | 3. 505938 |
| 331 | UNIVERSITY OF HONG KONG                             | 373199 | 3. 504686 |
| 332 | HOPITAL UNIVERSITAIRE BICETRE – APHP                | 372328 | 3. 496509 |
| 333 | ROYAL CHILDREN' S HOSPITAL MELBOURNE                | 371767 | 3. 491244 |
| 334 | IRCCS AOU SAN MARTINO IST                           | 367270 | 3. 449012 |
| 335 | WYTHENSHAW HOSPITAL NHS FOUNDATION TRUST            | 365967 | 3. 436777 |
| 336 | WAKE FOREST UNIVERSITY                              | 365298 | 3. 430490 |

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| 337 | IDIBAPS                                     | 363032 | 3. 409208 |
| 338 | UNIVERSITY OF LOUISVILLE                    | 361072 | 3. 390804 |
| 339 | LOUISIANA STATE UNIVERSITY SYSTEM           | 360722 | 3. 387518 |
| 340 | AUTONOMOUS UNIVERSITY OF BARCELONA          | 359953 | 3. 380297 |
| 341 | UNIVERSITY OF GOTHENBURG                    | 358415 | 3. 365854 |
| 342 | MINIST HLTH                                 | 357576 | 3. 357976 |
| 343 | MEDICAL UNIVERSITY OF SOUTH CAROLINA        | 356902 | 3. 351641 |
| 344 | UNIVERSITY OF CALIFORNIA IRVINE             | 356860 | 3. 351247 |
| 345 | PENN STATE UNIVERSITY                       | 356311 | 3. 346095 |
| 346 | ROBERT KOCH INSTITUTE                       | 355782 | 3. 341123 |
| 347 | SEATTLE CHILDREN' S HOSPITAL                | 353917 | 3. 323610 |
| 348 | TEL AVIV SOURASKY MEDICAL CENTER            | 353437 | 3. 319104 |
| 349 | HEBREW UNIVERSITY OF JERUSALEM              | 350842 | 3. 294735 |
| 350 | GOETHE UNIVERSITY FRANKFURT                 | 348760 | 3. 275188 |
| 351 | UNIVERSITY OF CONNECTICUT                   | 346198 | 3. 251123 |
| 352 | LOUISIANA STATE UNIVERSITY                  | 344044 | 3. 230901 |
| 353 | JEFFERSON UNIVERSITY                        | 341591 | 3. 207864 |
| 354 | THE J DAVID GLADSTONE INSTITUTES            | 341515 | 3. 207146 |
| 355 | UNIVERSITY OF REGENSBURG                    | 337506 | 3. 169499 |
| 356 | INSTITUTO DE SALUD CARLOS III               | 337490 | 3. 169352 |
| 357 | UNIVERSITY OF KIEL                          | 337210 | 3. 166717 |
| 358 | UNIVERSITY OF DUNDEE                        | 335722 | 3. 152741 |
| 359 | STATE UNIVERSITY OF NEW YORK (SUNY) BUFFALO | 334076 | 3. 137284 |
| 360 | AMGEN                                       | 332787 | 3. 125185 |
| 361 | CHIBA UNIVERSITY                            | 330451 | 3. 103242 |

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| 362 | ST VINCENTS HOSPITAL SYDNEY                                           | 328845 | 3. 088161 |
| 363 | UNIVERSIDADE DE COIMBRA                                               | 328680 | 3. 086610 |
| 364 | US FOOD & DRUG ADMINISTRATION (FDA)                                   | 328349 | 3. 083505 |
| 365 | UNIVERSITY OF BRESCIA                                                 | 326534 | 3. 066461 |
| 366 | HELSINKI UNIVERSITY CENTRAL HOSPITAL                                  | 325430 | 3. 056092 |
| 367 | ATHENS MEDICAL SCHOOL                                                 | 324812 | 3. 050285 |
| 368 | UNIVERSITE DE LYON (COMUE)                                            | 324028 | 3. 042923 |
| 369 | ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE                              | 324020 | 3. 042848 |
| 370 | SWISS TROPICAL & PUBLIC HEALTH INSTITUTE                              | 321343 | 3. 017714 |
| 371 | UNIVERSITY OF LEICESTER                                               | 321142 | 3. 015822 |
| 372 | DEUTSCHES RHEUMA-FORSCHUNGSZENTRUM (DRFZ)                             | 321104 | 3. 015470 |
| 373 | UNIVERSITY OF NOTTINGHAM                                              | 321069 | 3. 015142 |
| 374 | UNIVERSITY OF TENNESSEE SYSTEM                                        | 320459 | 3. 009410 |
| 375 | UNIVERSITY OF ANTWERP                                                 | 319399 | 2. 999457 |
| 376 | CHINESE CENTER FOR DISEASE CONTROL & PREVENTION                       | 316923 | 2. 976201 |
| 377 | UNIVERSITE DE TOULOUSE                                                | 316914 | 2. 976122 |
| 378 | RUSH UNIVERSITY                                                       | 313484 | 2. 943913 |
| 379 | UNIVERSITY COLLEGE DUBLIN                                             | 313365 | 2. 942794 |
| 380 | WYTHENSHAW HOSPITAL                                                   | 312138 | 2. 931268 |
| 381 | UNITED STATES DEPARTMENT OF AGRICULTURE (USDA)                        | 311791 | 2. 928015 |
| 382 | UNIVERSITY OF ALBERTA                                                 | 311326 | 2. 923647 |
| 383 | UNIVERSITY OF NORTH CAROLINA SCHOOL OF MEDICINE                       | 311240 | 2. 922838 |
| 384 | UTAH SYSTEM OF HIGHER EDUCATION                                       | 310516 | 2. 916037 |
| 385 | HOPITAL UNIVERSITAIRE COCHIN – APHP                                   | 309250 | 2. 904148 |
| 386 | NIH EUNICE KENNEDY SHRIVER NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN | 308959 | 2. 901415 |



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| 387 | MEDIMMUNE                                                 | 308648 | 2. 898491 |
| 388 | UNIVERSITY OF ILLINOIS CHICAGO                            | 306096 | 2. 874532 |
| 389 | UNIVERSITY OF UTAH                                        | 305766 | 2. 871426 |
| 390 | CEDARS SINAI MEDICAL CENTER                               | 304360 | 2. 858226 |
| 391 | VRIJE UNIVERSITEIT BRUSSEL                                | 303942 | 2. 854303 |
| 392 | UNIVERSITY OF ILLINOIS CHICAGO<br>HOSPITAL                | 303155 | 2. 846908 |
| 393 | CHU LYON                                                  | 302018 | 2. 836232 |
| 394 | CREIGHTON UNIVERSITY                                      | 300808 | 2. 824870 |
| 395 | ZHEJIANG UNIVERSITY                                       | 297807 | 2. 796687 |
| 396 | WEILL CORNELL MEDICAL COLLEGE QATAR                       | 297264 | 2. 791590 |
| 397 | CONSIGLIO NAZIONALE DELLE RICERCHE<br>(CNR)               | 296535 | 2. 784739 |
| 398 | UNIVERSITE TOULOUSE III - PAUL<br>SABATIER                | 295580 | 2. 775774 |
| 399 | EUROPEAN CENTRE FOR DISEASE<br>PREVENTION & CONTROL       | 295348 | 2. 773595 |
| 400 | TOKYO MEDICAL & DENTAL UNIVERSITY<br>(TMDU)               | 293954 | 2. 760508 |
| 401 | LOUIS STOKES CLEVELAND VETERANS<br>AFFAIRS MEDICAL CENTER | 292160 | 2. 743657 |
| 402 | SAPIENZA UNIVERSITY ROME                                  | 291553 | 2. 737953 |
| 403 | JUNTENDO UNIVERSITY                                       | 289179 | 2. 715662 |
| 404 | UNIVERSITY HOSPITAL LEUVEN                                | 288907 | 2. 713104 |
| 405 | INSTITUTE OF TROPICAL MEDICINE<br>(ITM)                   | 288719 | 2. 711344 |
| 406 | UNIVERSITY OF TEXAS HEALTH SAN<br>ANTONIO                 | 286178 | 2. 687479 |
| 407 | PUBLIC HEALTH ENGLAND                                     | 284281 | 2. 669669 |
| 408 | EBERHARD KARLS UNIVERSITY HOSPITAL                        | 283532 | 2. 662629 |
| 409 | UNIVERSITE DE STRASBOURG                                  | 282968 | 2. 657335 |
| 410 | UNIVERSITES DE STRASBOURG<br>ETABLISSEMENTS ASSOCIES      | 282968 | 2. 657335 |
| 411 | VIENNA BIOCENTER (VBC)                                    | 279473 | 2. 624518 |

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| 412 | JOHNSON & JOHNSON                                              | 277993 | 2. 610611 |
| 413 | UNIVERSITY OF EASTERN PIEDMONT<br>AMEDEO AVOGADRO              | 277307 | 2. 604174 |
| 414 | SUN YAT SEN UNIVERSITY                                         | 274588 | 2. 578637 |
| 415 | TECHNION ISRAEL INSTITUTE OF<br>TECHNOLOGY                     | 274107 | 2. 574125 |
| 416 | INSTITUT HOSPITAL DEL MAR<br>D' INVESTIGACIONS MEDIQUES (IMIM) | 274062 | 2. 573697 |
| 417 | UNIVERSITY OF NEW MEXICO                                       | 272296 | 2. 557117 |
| 418 | CATHOLIC UNIVERSITY OF THE SACRED<br>HEART                     | 272150 | 2. 555743 |
| 419 | RWTH AACHEN UNIVERSITY                                         | 271751 | 2. 552000 |
| 420 | UNIVERSITY OF ARIZONA                                          | 271446 | 2. 549137 |
| 421 | ROLLINS SCHOOL PUBLIC HEALTH                                   | 271064 | 2. 545544 |
| 422 | STELLENBOSCH UNIVERSITY                                        | 270812 | 2. 543175 |
| 423 | UNITED STATES DEPARTMENT OF ENERGY<br>(DOE)                    | 269286 | 2. 528850 |
| 424 | PLA SECOND MILITARY MEDICAL<br>UNIVERSITY                      | 268832 | 2. 524584 |
| 425 | NETHERLANDS CANCER INSTITUTE                                   | 268318 | 2. 519759 |
| 426 | HOSPITAL DEL MAR                                               | 267813 | 2. 515016 |
| 427 | CITY OF HOPE                                                   | 267664 | 2. 513620 |
| 428 | UNIVERSITY OF FLORENCE                                         | 267648 | 2. 513463 |
| 429 | UPPSALA UNIVERSITY                                             | 265770 | 2. 495831 |
| 430 | HOSP SPECIAL SURG                                              | 265573 | 2. 493984 |
| 431 | NATIONAL TAIWAN UNIVERSITY                                     | 265562 | 2. 493872 |
| 432 | HOPITAL UNIVERSITAIRE AMBROISE-PARE<br>- APHP                  | 264977 | 2. 488382 |
| 433 | TEMPLE UNIVERSITY                                              | 263981 | 2. 479030 |
| 434 | KENYA MEDICAL RESEARCH INSTITUTE                               | 263343 | 2. 473041 |
| 435 | PEKING UNIVERSITY                                              | 263041 | 2. 470202 |
| 436 | IRCCS POLICLINICO GEMELLI                                      | 262658 | 2. 466604 |

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| 437 | UNIVERSITY OF KWAZULU NATAL                                 | 262159 | 2. 461920 |
| 438 | SKANE UNIVERSITY HOSPITAL                                   | 260525 | 2. 446575 |
| 439 | SHANGHAI JIAO TONG UNIVERSITY                               | 260144 | 2. 442997 |
| 440 | WAGENINGEN UNIVERSITY & RESEARCH                            | 259539 | 2. 437314 |
| 441 | BURNET INSTITUTE                                            | 259235 | 2. 434456 |
| 442 | CATALAN INSTITUTE OF ONCOLOGY                               | 258285 | 2. 425534 |
| 443 | MEDICAL UNIVERSITY OF GRAZ                                  | 256809 | 2. 411674 |
| 444 | UNIVERSITY OF TENNESSEE HEALTH<br>SCIENCE CENTER            | 256338 | 2. 407255 |
| 445 | SHANGHAI INSTITUTES FOR BIOLOGICAL<br>SCIENCES, CAS         | 256155 | 2. 405535 |
| 446 | NATIONAL HOSPITAL NORWAY                                    | 254771 | 2. 392539 |
| 447 | IRCCS ISTITUTO GIANNINA GASLINI                             | 254499 | 2. 389987 |
| 448 | VU UNIVERSITY MEDICAL CENTER                                | 254352 | 2. 388600 |
| 449 | LIVERPOOL SCHOOL OF TROPICAL<br>MEDICINE                    | 253021 | 2. 376106 |
| 450 | CIBERES                                                     | 252772 | 2. 373762 |
| 451 | VA ANN ARBOR HEALTHCARE SYSTEM                              | 250252 | 2. 350103 |
| 452 | MAASTRICHT UNIVERSITY                                       | 249933 | 2. 347102 |
| 453 | PUBLIC HEALTH AGENCY OF CANADA                              | 249841 | 2. 346244 |
| 454 | JOHNSON & JOHNSON USA                                       | 248091 | 2. 329807 |
| 455 | GENERAL UNIVERSITY GREGORIO MARANON<br>HOSPITAL             | 245681 | 2. 307177 |
| 456 | UNIVERSITY COLLEGE LONDON HOSPITALS<br>NHS FOUNDATION TRUST | 244936 | 2. 300181 |
| 457 | UNIVERSITY OF PERUGIA                                       | 244517 | 2. 296240 |
| 458 | HACETTEPE UNIVERSITY                                        | 243140 | 2. 283311 |
| 459 | UNIVERSITY OF LEIPZIG                                       | 242522 | 2. 277509 |
| 460 | NIH NATIONAL INSTITUTE OF<br>ENVIRONMENTAL HEALTH SCIENCES  | 241766 | 2. 270411 |
| 461 | UNIVERSIDADE FEDERAL DE SAO PAULO<br>(UNIFESP)              | 241655 | 2. 269366 |

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| 462 | UNIVERSIDADE FEDERAL DO RIO DE JANEIRO                             | 240881 | 2. 262095 |
| 463 | UNIVERSIDADE FEDERAL DE MINAS GERAIS                               | 240701 | 2. 260413 |
| 464 | ROSWELL PARK CANCER INSTITUTE                                      | 240182 | 2. 255530 |
| 465 | CHINESE ACADEMY OF MEDICAL SCIENCES – PEKING UNION MEDICAL COLLEGE | 239350 | 2. 247722 |
| 466 | UNIVERSITE CLAUDE BERNARD LYON 1                                   | 238080 | 2. 235794 |
| 467 | SEOUL NATIONAL UNIVERSITY (SNU)                                    | 237190 | 2. 227440 |
| 468 | TEXAS A&M UNIVERSITY SYSTEM                                        | 236826 | 2. 224019 |
| 469 | UNIVERSIDADE DE LISBOA                                             | 235702 | 2. 213459 |
| 470 | GILEAD SCIENCES                                                    | 234556 | 2. 202704 |
| 471 | SAINT LOUIS UNIVERSITY                                             | 234471 | 2. 201898 |
| 472 | UNIVERSITY OF MISSOURI SYSTEM                                      | 232918 | 2. 187323 |
| 473 | FINLAND NATIONAL INSTITUTE FOR HEALTH & WELFARE                    | 232740 | 2. 185651 |
| 474 | SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH                          | 232715 | 2. 185409 |
| 475 | ST GEORGES UNIVERSITY LONDON                                       | 232164 | 2. 180234 |
| 476 | ISTITUTO SUPERIORE DI SANITA                                       | 231933 | 2. 178073 |
| 477 | ROYAL BROMPTON HOSPITAL                                            | 231371 | 2. 172793 |
| 478 | UNIVERSITY OF ADELAIDE                                             | 229082 | 2. 151294 |
| 479 | TOKUSHIMA UNIVERSITY                                               | 228278 | 2. 143746 |
| 480 | UNIVERSITE LILLE-NORD-DE-FRANCE (COMUE)                            | 226517 | 2. 127203 |
| 481 | BBSRC BABRAHAM INSTITUTE                                           | 225971 | 2. 122078 |
| 482 | JAGIELLONIAN UNIVERSITY                                            | 225183 | 2. 114684 |
| 483 | UNIVERSITE DE BORDEAUX                                             | 224044 | 2. 103979 |
| 484 | SAINT MICHAELS HOSPITAL TORONTO                                    | 224002 | 2. 103593 |
| 485 | WELLCOME CENTRE FOR HUMAN GENETICS                                 | 223166 | 2. 095739 |
| 486 | FONDATION I-SITE ULNE                                              | 222939 | 2. 093604 |

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| 487 | CHU STRASBOURG                                          | 222698 | 2. 091342 |
| 488 | MAKERERE UNIVERSITY                                     | 222343 | 2. 088012 |
| 489 | KYUSHU UNIVERSITY                                       | 222343 | 2. 088008 |
| 490 | FUDAN UNIVERSITY                                        | 221246 | 2. 077704 |
| 491 | HOKKAIDO UNIVERSITY                                     | 221157 | 2. 076872 |
| 492 | COLORADO STATE UNIVERSITY                               | 220995 | 2. 075351 |
| 493 | UNIVERSITY OF BUENOS AIRES                              | 219208 | 2. 058570 |
| 494 | LOYOLA UNIVERSITY CHICAGO                               | 218670 | 2. 053517 |
| 495 | SANOFI-AVENTIS                                          | 217889 | 2. 046184 |
| 496 | UNIVERSITY OF BOLOGNA                                   | 217738 | 2. 044761 |
| 497 | TULANE UNIVERSITY                                       | 217480 | 2. 042345 |
| 498 | UNIVERSITY OF VERMONT                                   | 216984 | 2. 037687 |
| 499 | THE WISTAR INSTITUTE                                    | 215785 | 2. 026425 |
| 500 | HOPITAL UNIVERSITAIRE HENRI-MONDOR<br>– APHP            | 215364 | 2. 022466 |
| 501 | TECHNICAL UNIVERSITY OF DENMARK                         | 215225 | 2. 021165 |
| 502 | UNIVERSITE COTE D'AZUR (COMUE)                          | 215009 | 2. 019136 |
| 503 | HOSPITAL UNIVERSITARI VALL D'HEBRON                     | 214292 | 2. 012401 |
| 504 | CARL GUSTAV CARUS UNIVERSITY<br>HOSPITAL                | 214064 | 2. 010257 |
| 505 | UNIVERSITY OF DUISBURG ESSEN                            | 210256 | 1. 974503 |
| 506 | ANN & ROBERT H. LURIE CHILDREN'S<br>HOSPITAL OF CHICAGO | 210092 | 1. 972960 |
| 507 | FRIEDRICH SCHILLER UNIVERSITY OF<br>JENA                | 208281 | 1. 955955 |
| 508 | CIBERESP                                                | 207991 | 1. 953232 |
| 509 | UNIVERSITY OF BERGEN                                    | 207963 | 1. 952968 |
| 510 | UNIVERSITY OF TURKU                                     | 207856 | 1. 951964 |
| 511 | UNIVERSITY OF OTTAWA                                    | 207627 | 1. 949809 |

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| 512 | UNIVERSITE CONFEDERALE LEONARD DE VINCI                    | 207204 | 1. 945840 |
| 513 | INTERNATIONAL AIDS VACCINE INITIATIVE                      | 206503 | 1. 939253 |
| 514 | SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE         | 206459 | 1. 938842 |
| 515 | UNIVERSITA DI MODENA E REGGIO EMILIA                       | 205996 | 1. 934498 |
| 516 | LIFESPAN HEALTH RHODE ISLAND                               | 204660 | 1. 921948 |
| 517 | MINNESOTA DEPARTMENT OF HEALTH (MHD)                       | 203858 | 1. 914423 |
| 518 | HOSPITAL UNIVERSITARIO RAMON Y CAJAL                       | 201927 | 1. 896285 |
| 519 | UNIVERSITY OF MARYLAND COLLEGE PARK                        | 201496 | 1. 892238 |
| 520 | TAMPERE UNIVERSITY                                         | 200135 | 1. 879459 |
| 521 | UMEA UNIVERSITY                                            | 199989 | 1. 878083 |
| 522 | UNIVERSITY OF SIENA                                        | 199757 | 1. 875904 |
| 523 | UNIVERSITY OF OKLAHOMA SYSTEM                              | 198794 | 1. 866860 |
| 524 | YOKOHAMA CITY UNIVERSITY                                   | 198729 | 1. 866252 |
| 525 | JAMES CANCER HOSPITAL & SOLOVE RESEARCH INSTITUTE          | 198704 | 1. 866021 |
| 526 | UNIVERSITY OF SHEFFIELD                                    | 198491 | 1. 864012 |
| 527 | LAC HARBOR UNIV CALIF LOS ANGELES MED CTR                  | 198091 | 1. 860260 |
| 528 | LOS ANGELES BIOMEDICAL RESEARCH INSTITUTE                  | 198091 | 1. 860260 |
| 529 | UNIVERSITY OF NAPLES FEDERICO II                           | 197570 | 1. 855369 |
| 530 | UNIVERSITY OF MISSOURI KANSAS CITY                         | 197027 | 1. 850273 |
| 531 | UNIVERSITY OF OKLAHOMA – OKLAHOMA CITY                     | 194244 | 1. 824136 |
| 532 | UNIVERSITY OF BRIGHTON                                     | 192830 | 1. 810853 |
| 533 | MEDICAL UNIVERSITY LODZ                                    | 192566 | 1. 808374 |
| 534 | B. C. CENTRE FOR EXCELLENCE IN HIV/AIDS                    | 192507 | 1. 807818 |
| 535 | UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES – USA | 192208 | 1. 805016 |
| 536 | NEWYORK-PRESBYTERIAN HOSPITAL                              | 190555 | 1. 789493 |

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| 537 | PRINCETON UNIVERSITY                                        | 190233 | 1. 786464 |
| 538 | UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER               | 189859 | 1. 782957 |
| 539 | MENZIES SCHOOL OF HEALTH RESEARCH                           | 189346 | 1. 778136 |
| 540 | INTERNATIONAL CENTRE FOR DIARRHOEAL DISEASE RESEARCH        | 189344 | 1. 778118 |
| 541 | IRCCS CA GRANDA OSPEDALE MAGGIORE POLICLINICO               | 189019 | 1. 775068 |
| 542 | INSTITUTE OF PUBLIC HEALTH SURVEILLANCE                     | 188907 | 1. 774015 |
| 543 | CHARLES DARWIN UNIVERSITY                                   | 188447 | 1. 769696 |
| 544 | VIRGINIA COMMONWEALTH UNIVERSITY                            | 187826 | 1. 763862 |
| 545 | UNIVERSITY OF OTAGO                                         | 184794 | 1. 735386 |
| 546 | MAX DELBRUCK CENTER FOR MOLECULAR MEDICINE                  | 183406 | 1. 722357 |
| 547 | UNIVERSITY OF GEORGIA                                       | 183105 | 1. 719530 |
| 548 | UNIVERSITY OF LEEDS                                         | 182897 | 1. 717577 |
| 549 | BEN GURION UNIVERSITY                                       | 179533 | 1. 685987 |
| 550 | ATLANTA VA HEALTH CARE SYSTEM                               | 179172 | 1. 682598 |
| 551 | HOPITAL UNIVERSITAIRE SAINT-ANTOINE – APHP                  | 178643 | 1. 677624 |
| 552 | GERMAN CENTER FOR INFECTION RESEARCH                        | 177970 | 1. 671303 |
| 553 | FORSCHUNGSZENTRUM BORSTEL                                   | 176502 | 1. 657523 |
| 554 | NYU LANGONE MEDICAL CENTER                                  | 176225 | 1. 654921 |
| 555 | COMMONWEALTH SCIENTIFIC & INDUSTRIAL RESEARCH ORGANISATION  | 176063 | 1. 653396 |
| 556 | MINISTRY OF PUBLIC HEALTH – THAILAND                        | 175050 | 1. 643883 |
| 557 | CHU DE TOULOUSE                                             | 174481 | 1. 638544 |
| 558 | MONTEFIORE MEDICAL CENTER                                   | 173762 | 1. 631788 |
| 559 | LUIGI SACCO HOSPITAL                                        | 172715 | 1. 621952 |
| 560 | ARMED FORCES RESEARCH INSTITUTE OF MEDICAL SCIENCE (AFRIMS) | 172623 | 1. 621093 |
| 561 | AZIENDA OSPEDALIERA UNIVERSITARIA INTEGRATA VERONA          | 172188 | 1. 617007 |

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| 562 | HOSPITAL UNIVERSITARIO LA PAZ                                    | 171588 | 1. 611369 |
| 563 | COMMUNAUTE UNIVERSITE GRENOBLE ALPES                             | 171371 | 1. 609331 |
| 564 | UNIVERSITE GRENOBLE ALPES (UGA)                                  | 171095 | 1. 606747 |
| 565 | UNIVERSITY OF EAST ANGLIA                                        | 171058 | 1. 606395 |
| 566 | UNIVERSITE BOURGOGNE FRANCHE-COMTE (COMUE)                       | 171052 | 1. 606339 |
| 567 | NATIONWIDE CHILDRENS HOSP                                        | 170016 | 1. 596606 |
| 568 | RESEARCH INSTITUTE AT NATIONWIDE CHILDREN' S HOSPITAL            | 170016 | 1. 596606 |
| 569 | NIH NATIONAL INSTITUTE OF DIABETES & DIGESTIVE & KIDNEY DISEASES | 169894 | 1. 595466 |
| 570 | HANS KNOLL INSTITUTE (HKI)                                       | 169692 | 1. 593565 |
| 571 | IOWA CITY VA HEALTH CARE SYSTEM                                  | 169552 | 1. 592250 |
| 572 | UNIVERSITA DEGLI STUDI DI BARI ALDO MORO                         | 168705 | 1. 584300 |
| 573 | SEATTLE BIOMEDICAL RESEARCH INSTITUTE                            | 168652 | 1. 583797 |
| 574 | NATIONAL TAIWAN UNIVERSITY HOSPITAL                              | 168068 | 1. 578319 |
| 575 | GEORGETOWN UNIVERSITY                                            | 167709 | 1. 574944 |
| 576 | GREAT ORMOND STREET HOSPITAL FOR CHILDREN NHS FOUNDATION TRUST   | 167386 | 1. 571909 |
| 577 | NATL INST COMMUNICABLE DIS                                       | 166552 | 1. 564081 |
| 578 | INSTITUTE OF BIOPHYSICS, CAS                                     | 165614 | 1. 555273 |
| 579 | UNIVERSITY OF NEWCASTLE                                          | 165487 | 1. 554074 |
| 580 | TOHOKU UNIVERSITY                                                | 165375 | 1. 553031 |
| 581 | JUSTUS LIEBIG UNIVERSITY GIESSEN                                 | 164859 | 1. 548181 |
| 582 | NORWEGIAN INSTITUTE OF PUBLIC HEALTH (NIPH)                      | 163685 | 1. 537157 |
| 583 | NIH CLINICAL CENTER (CC)                                         | 163430 | 1. 534764 |
| 584 | NATIONAL RESEARCH FOUNDATION – SOUTH AFRICA                      | 163099 | 1. 531657 |
| 585 | UNIVERSITY COLLEGE CORK                                          | 162851 | 1. 529327 |
| 586 | TEXAS A&M HEALTH SCIENCE CENTER                                  | 162781 | 1. 528667 |



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|-----|------------------------------------------------------------------|--------|-----------|
| 587 | STATE UNIVERSITY OF NEW YORK (SUNY)<br>STONY BROOK               | 162744 | 1. 528320 |
| 588 | UNIV HOSP                                                        | 162602 | 1. 526986 |
| 589 | SUNY COMMUNITY COLLEGE                                           | 162426 | 1. 525335 |
| 590 | HEART OF ENGLAND NHS FOUNDATION<br>TRUST                         | 161731 | 1. 518801 |
| 591 | ROYAL FREE LONDON NHS FOUNDATION<br>TRUST                        | 161039 | 1. 512311 |
| 592 | CALIFORNIA DEPARTMENT OF PUBLIC<br>HEALTH                        | 160064 | 1. 503156 |
| 593 | INSTITUT D' INVESTIGACIO BIOMEDICA<br>DE BELLVITGE (IDIBELL)     | 159984 | 1. 502396 |
| 594 | UNIVERSITY OF LJUBLJANA                                          | 159671 | 1. 499463 |
| 595 | PHILIPPS UNIVERSITY MARBURG                                      | 159624 | 1. 499016 |
| 596 | UNIVERSITY OF ROME TOR VERGATA                                   | 159137 | 1. 494445 |
| 597 | BBSRC ROSLIN INSTITUTE                                           | 158918 | 1. 492387 |
| 598 | KANTONSSPITAL ST. GALEN                                          | 158809 | 1. 491364 |
| 599 | CATALAN HEALTH INSTITUTE                                         | 158537 | 1. 488809 |
| 600 | LOUISIANA STATE UNIV HLTH SCI CTR                                | 158376 | 1. 487295 |
| 601 | LOUISIANA STATE UNIVERSITY HEALTH<br>SCIENCES CENTER NEW ORLEANS | 158376 | 1. 487295 |
| 602 | CEA                                                              | 158058 | 1. 484316 |
| 603 | LINKOPING UNIVERSITY                                             | 157833 | 1. 482200 |
| 604 | NATIONAL INSTITUTE OF INFECTIOUS<br>DISEASES (NIID)              | 157573 | 1. 479761 |
| 605 | UNIVERSIDADE DO PORTO                                            | 156955 | 1. 473957 |
| 606 | UNIVERSITY OF PAVIA                                              | 153647 | 1. 442885 |
| 607 | BRISTOL-MYERS SQUIBB                                             | 153409 | 1. 440656 |
| 608 | KING' S COLLEGE HOSPITAL NHS<br>FOUNDATION TRUST                 | 153339 | 1. 439994 |
| 609 | CHARLES UNIVERSITY PRAGUE                                        | 153286 | 1. 439496 |
| 610 | UNIVERSITY OF YORK - UK                                          | 152407 | 1. 431241 |
| 611 | HOSPITAL GERMANS TRIAS I PUJOL                                   | 152361 | 1. 430815 |

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| 612 | DALHOUSIE UNIVERSITY                                           | 152046 | 1. 427851 |
| 613 | UNIVERSITE DE LILLE                                            | 151203 | 1. 419935 |
| 614 | RWTH AACHEN UNIVERSITY HOSPITAL                                | 150710 | 1. 415305 |
| 615 | TSINGHUA UNIVERSITY                                            | 149274 | 1. 401825 |
| 616 | CENTER FOR INTERNATIONAL BLOOD &<br>MARROW TRANSPLANT RESEARCH | 149185 | 1. 400984 |
| 617 | HOPITAL UNIVERSITAIRE BICHAT-CLAUDE<br>BERNARD – APHP          | 147851 | 1. 388456 |
| 618 | UNIVERSITY OF DEBRECEN                                         | 147650 | 1. 386570 |
| 619 | HOSPITAL CARLOS III                                            | 147059 | 1. 381020 |
| 620 | UNIVERSITY OF NICE SOPHIA ANTIPOLIS                            | 146868 | 1. 379226 |
| 621 | CHULALONGKORN UNIVERSITY                                       | 146641 | 1. 377100 |
| 622 | JOHN H STROGER JUNIOR HOSPITAL COOK<br>COUNTY                  | 146115 | 1. 372154 |
| 623 | PATH                                                           | 145550 | 1. 366849 |
| 624 | HYOGO COLLEGE OF MEDICINE                                      | 145130 | 1. 362903 |
| 625 | BELLVITGE UNIVERSITY HOSPITAL                                  | 144632 | 1. 358231 |
| 626 | ARISTOTLE UNIVERSITY OF<br>THESSALONIKI                        | 144443 | 1. 356451 |
| 627 | CHINESE UNIVERSITY OF HONG KONG                                | 144162 | 1. 353815 |
| 628 | CHU BORDEAUX                                                   | 143968 | 1. 351992 |
| 629 | SEMMELWEIS UNIVERSITY                                          | 143664 | 1. 349136 |
| 630 | UIT THE ARCTIC UNIVERSITY OF TROMSO                            | 143506 | 1. 347661 |
| 631 | CASE WESTERN RESERVE UNIVERSITY<br>HOSPITAL                    | 143191 | 1. 344701 |
| 632 | YONSEI UNIVERSITY                                              | 142867 | 1. 341657 |
| 633 | AGA KHAN UNIVERSITY                                            | 142446 | 1. 337705 |
| 634 | UNITED STATES NAVY                                             | 142411 | 1. 337368 |
| 635 | UNIVERSITY OF TURIN                                            | 141725 | 1. 330931 |
| 636 | CHU DE NANTES                                                  | 141530 | 1. 329102 |

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| 637 | CNRS – INSTITUTE OF ECOLOGY & ENVIRONMENT (INEE)                     | 141269 | 1. 326647 |
| 638 | CHU NICE                                                             | 140391 | 1. 318402 |
| 639 | UNIV NANTES ANGERS LE MANS                                           | 140037 | 1. 315083 |
| 640 | UNIVERSITY HOSPITAL ATTIKON                                          | 139468 | 1. 309733 |
| 641 | MEDICAL RESEARCH COUNCIL CLINICAL TRIALS UNIT                        | 139142 | 1. 306674 |
| 642 | UNIVERSITY HOSPITALS OF CLEVELAND                                    | 138783 | 1. 303298 |
| 643 | UNIVERSITY HOSPITAL SOUTHAMPTON NHS FOUNDATION TRUST                 | 138316 | 1. 298913 |
| 644 | UNIVERSITY OF ULSAN                                                  | 138293 | 1. 298705 |
| 645 | CAPITAL MEDICAL UNIVERSITY                                           | 138293 | 1. 298698 |
| 646 | UNIVERSITY OF AUCKLAND                                               | 137538 | 1. 291610 |
| 647 | UNIVERSITY OF LUBECK                                                 | 136788 | 1. 284572 |
| 648 | MAHIDOL OXFORD TROPICAL MEDICINE RESEARCH UNIT (MORU)                | 136208 | 1. 279116 |
| 649 | HOSPITAL SPEDALI CIVILI BRESCIA                                      | 135823 | 1. 275501 |
| 650 | GOETHE UNIVERSITY FRANKFURT HOSPITAL                                 | 135515 | 1. 272615 |
| 651 | HUAZHONG UNIVERSITY OF SCIENCE & TECHNOLOGY                          | 134994 | 1. 267717 |
| 652 | CIBEREHD                                                             | 134764 | 1. 265559 |
| 653 | CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS Y TECNICAS (CONICET) | 134601 | 1. 264033 |
| 654 | CENTRE-VAL DE LOIRE (COMUE)                                          | 134539 | 1. 263448 |
| 655 | HUNGARIAN ACADEMY OF SCIENCES                                        | 132099 | 1. 240534 |
| 656 | KING’ S COLLEGE HOSPITAL                                             | 131921 | 1. 238857 |
| 657 | CHANG GUNG UNIVERSITY                                                | 131197 | 1. 232060 |
| 658 | MICHIGAN STATE UNIVERSITY                                            | 130195 | 1. 222650 |
| 659 | KING SAUD UNIVERSITY                                                 | 130165 | 1. 222373 |
| 660 | RUHR UNIVERSITY BOCHUM                                               | 130092 | 1. 221681 |
| 661 | OREBRO UNIVERSITY                                                    | 129557 | 1. 216665 |

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| 662 | CZECH ACADEMY OF SCIENCES                                               | 128583 | 1. 207511 |
| 663 | CHANG GUNG MEMORIAL HOSPITAL                                            | 127560 | 1. 197912 |
| 664 | UNIVERSITA DELLA CAMPANIA<br>VANVITELLI                                 | 126924 | 1. 191933 |
| 665 | UNIVERSITY OF MALAWI                                                    | 126761 | 1. 190402 |
| 666 | CRESIB                                                                  | 126182 | 1. 184969 |
| 667 | CHILDREN' S NATIONAL HEALTH SYSTEM                                      | 125414 | 1. 177759 |
| 668 | SCHLESWIG HOLSTEIN UNIVERSITY<br>HOSPITAL                               | 125153 | 1. 175301 |
| 669 | BC CHILDRENS HOSPITAL                                                   | 125114 | 1. 174934 |
| 670 | ISGLOBAL                                                                | 124969 | 1. 173577 |
| 671 | MRC                                                                     | 124853 | 1. 172482 |
| 672 | UNIVERSITY OF KENTUCKY                                                  | 124086 | 1. 165282 |
| 673 | UNIVERSITE PARIS-EST (COMUE)                                            | 122750 | 1. 152734 |
| 674 | UNIVERSIDADE FEDERAL DA BAHIA                                           | 122288 | 1. 148396 |
| 675 | SHANDONG UNIVERSITY                                                     | 121930 | 1. 145039 |
| 676 | INSTITUT DE RECERCA DE LA SIDA –<br>IRSICAIXA                           | 121847 | 1. 144260 |
| 677 | UNIVERSITY OF SOUTHERN DENMARK                                          | 120434 | 1. 130992 |
| 678 | POMPEU FABRA UNIVERSITY                                                 | 119979 | 1. 126711 |
| 679 | FRIEDRICH LOEFFLER INSTITUTE                                            | 119966 | 1. 126590 |
| 680 | NATIONAL HEALTH LABORATORY SERVICE                                      | 119615 | 1. 123300 |
| 681 | NAGOYA UNIVERSITY                                                       | 119247 | 1. 119842 |
| 682 | INTERNATIONAL CENTER FOR GENETIC<br>ENGINEERING & BIOTECHNOLOGY (ICGEB) | 118837 | 1. 115993 |
| 683 | IRCCS LAZZARO SPALLANZANI                                               | 118413 | 1. 112009 |
| 684 | UNIVERSITY OF GOTTINGEN                                                 | 117310 | 1. 101656 |
| 685 | TAMPERE UNIVERSITY HOSPITAL                                             | 117045 | 1. 099167 |
| 686 | UNIVERSITY OF PALERMO                                                   | 116517 | 1. 094203 |

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| 687 | INT UNION TB & LUNG DIS                              | 115339 | 1. 083138 |
| 688 | UNIVERSITY OF LIEGE                                  | 115177 | 1. 081618 |
| 689 | AUTONOMOUS UNIVERSITY OF MADRID                      | 114564 | 1. 075861 |
| 690 | WILHELMINA KINDERZIEKENHUIS                          | 114542 | 1. 075654 |
| 691 | VIRGINIA POLYTECHNIC INSTITUTE &<br>STATE UNIVERSITY | 113797 | 1. 068664 |
| 692 | CHU GRENOBLE ALPES                                   | 112491 | 1. 056399 |
| 693 | CHILDREN' S MERCY HOSPITAL                           | 112487 | 1. 056357 |
| 694 | NAGASAKI UNIVERSITY                                  | 112292 | 1. 054528 |
| 695 | IRCCS FONDAZIONE SAN MATTEO                          | 112290 | 1. 054512 |
| 696 | GRIFFITH UNIVERSITY                                  | 111737 | 1. 049314 |
| 697 | COMPLUTENSE UNIVERSITY OF MADRID                     | 111464 | 1. 046751 |
| 698 | UNIVERSITY OF NAIROBI                                | 111091 | 1. 043247 |
| 699 | UNIVERSITY OF MILANO-BICOCCA                         | 111050 | 1. 042861 |
| 700 | CHUNGNAM NATIONAL UNIVERSITY                         | 110341 | 1. 036210 |
| 701 | CHILDREN' S HOSPITAL LOS ANGELES                     | 110177 | 1. 034666 |
| 702 | TEXAS A&M UNIVERSITY COLLEGE<br>STATION              | 110040 | 1. 033380 |
| 703 | ARMY MEDICAL UNIVERSITY                              | 108996 | 1. 023579 |
| 704 | SUNGKYUNKWAN UNIVERSITY (SKKU)                       | 108653 | 1. 020357 |
| 705 | HIROSHIMA UNIVERSITY                                 | 108179 | 1. 015899 |
| 706 | HOSPITAL OF SANTA CREU I SANT PAU                    | 108134 | 1. 015480 |
| 707 | INSTITUT PASTEUR LILLE                               | 107811 | 1. 012450 |
| 708 | CHU LILLE                                            | 107583 | 1. 010305 |
| 709 | TAN TOCK SENG HOSPITAL                               | 106762 | 1. 002598 |
| 710 | JAMES COOK UNIVERSITY                                | 106497 | 1. 000108 |
| 711 | TEHRAN UNIVERSITY OF MEDICAL<br>SCIENCES             | 106210 | 0. 997409 |

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| 712 | UNIVERSIDAD PERUANA CAYETANO HEREDIA               | 106160 | 0.996946 |
| 713 | YONSEI UNIVERSITY HEALTH SYSTEM                    | 104706 | 0.983284 |
| 714 | IRCCS BAMBINO GESU                                 | 104314 | 0.979608 |
| 715 | UNIVERSITE DE VERSAILLES SAINT-QUENTIN-EN-YVELINES | 104127 | 0.977849 |
| 716 | AOU POLICLINICO S. ORSOLA-MALPIGHI                 | 103948 | 0.976172 |
| 717 | UNIVERSITY OF NAVARRA                              | 103481 | 0.971779 |
| 718 | NATIONAL YANG MING UNIVERSITY                      | 102700 | 0.964450 |
| 719 | DOCTORS WITHOUT BORDERS                            | 102622 | 0.963719 |
| 720 | UNIVERSITY OF PISA                                 | 102597 | 0.963481 |
| 721 | UNIVERSIDAD DE ANTIOQUIA                           | 102420 | 0.961823 |
| 722 | BARTS HEALTH NHS TRUST                             | 102176 | 0.959530 |
| 723 | CENTRAL SOUTH UNIVERSITY                           | 100934 | 0.947861 |
| 724 | ALL INDIA INSTITUTE OF MEDICAL SCIENCES            | 100531 | 0.944083 |
| 725 | UNIVERSITY OF ZIMBABWE                             | 100214 | 0.941099 |
| 726 | UNIVERSITE DE NANTES                               | 99351  | 0.932998 |
| 727 | WROCLAW MEDICAL UNIVERSITY                         | 99259  | 0.932131 |
| 728 | UNIVERSITY OF SASKATCHEWAN                         | 99144  | 0.931052 |
| 729 | WESTERN UNIVERSITY (UNIVERSITY OF WESTERN ONTARIO) | 99051  | 0.930183 |
| 730 | UNIVERSITY OF ZAMBIA                               | 98728  | 0.927147 |
| 731 | GATES FOUNDATION                                   | 97218  | 0.912968 |
| 732 | UNIVERSITI MALAYA                                  | 97138  | 0.912213 |
| 733 | CHU DE NANCY                                       | 96084  | 0.902316 |
| 734 | NATIONAL HEALTH RESEARCH INSTITUTES – TAIWAN       | 94942  | 0.891596 |
| 735 | NANJING UNIVERSITY                                 | 94803  | 0.890287 |
| 736 | NAVAL MEDICAL RESEARCH CENTER (NMRC)               | 93114  | 0.874431 |

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| 737 | UNIVERSIDAD DE CHILE                                           | 91858 | 0.862632 |
| 738 | UNIVERSITY OF PRETORIA                                         | 90195 | 0.847012 |
| 739 | OTTAWA HOSPITAL RESEARCH INSTITUTE                             | 88967 | 0.835484 |
| 740 | HOSPITAL UNIVERSITARIO 12 DE OCTUBRE                           | 87843 | 0.824932 |
| 741 | COMMUNAUTE D'UNIVERSITES ET ETABLISSEMENTS D'AQUITAINE (COMUE) | 86587 | 0.813133 |
| 742 | COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH (CSIR) – INDIA     | 85076 | 0.798939 |
| 743 | BERNHARD NOCHT INSTITUT FUR TROPENMEDIZIN                      | 84480 | 0.793347 |
| 744 | UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO                        | 84117 | 0.789940 |
| 745 | WUHAN UNIVERSITY                                               | 84026 | 0.789082 |
| 746 | UNIVERSIDADE ESTADUAL DE CAMPINAS                              | 81577 | 0.766083 |
| 747 | NANJING MEDICAL UNIVERSITY                                     | 81267 | 0.763175 |
| 748 | KOREA UNIVERSITY                                               | 80786 | 0.758655 |
| 749 | UNIVERSITY OF CHINESE ACADEMY OF SCIENCES, CAS                 | 77469 | 0.727507 |
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| 751 | MEDICAL UNIVERSITY OF WARSAW                                   | 76945 | 0.722587 |
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| 753 | UNIVERSITY OF FERRARA                                          | 75135 | 0.705584 |
| 754 | SICHUAN UNIVERSITY                                             | 74154 | 0.696377 |
| 755 | UNIVERSITY OF SEVILLA                                          | 72867 | 0.684289 |
| 756 | JILIN UNIVERSITY                                               | 72732 | 0.683022 |
| 757 | NATIONAL CHENG KUNG UNIVERSITY                                 | 70718 | 0.664104 |
| 758 | CHINA MEDICAL UNIVERSITY TAIWAN                                | 65294 | 0.613176 |
| 759 | CHONGQING MEDICAL UNIVERSITY                                   | 63441 | 0.595771 |
| 760 | ANHUI MEDICAL UNIVERSITY                                       | 57736 | 0.542197 |

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References参考文献: