

# Firms in the United States Commercializing Biotechnology

Table 4 in *Chapter 4: Firms Commercializing Biotechnology* listed firms in the United States commercializing biotechnology and their product markets. Their names and addresses are provided below. In order for a company to be listed in table 4, the existence of the company and the fact that the company is pursuing the development of biotechnology as defined by OTA had to be confirmed by at least two sources (e.g., company directories, individuals, trade journals). The existence and commercial application areas of many of the companies listed also were confirmed through the survey of firms' personnel needs conducted by the National Academy of Sciences and OTA. \*

The number of companies listed in table 4 is a very conservative estimate of the number of companies commercializing biotechnology in the United States. More than five established companies thought to be applying novel bioprocessing technology (e.g., G. B.

Fermentation Industries, Inc.) are missing from the list, because sufficient information to confirm their activities could not be obtained. Like the biotechnology research of established companies, the existence of new biotechnology firms (NBFs) is often difficult to confirm. More than 10 new companies, not included here, are thought by OTA to be operating but with very little public visibility. Some established companies and NBFs regard the application of their biotechnology research to be proprietary, and others will not even publicly confirm whether or not they are involved in biotechnology. Approximately 10 companies are not listed for this reason. Various other companies are not listed, because their existence and involvement in biotechnology were not confirmed by at least two sources.

Most support firms are not included in the table, because they are not applying biotechnology to the production of their products. Those support companies that, in addition to supplying support products (e.g., restriction enzymes and oligonucleotides), are applying biotechnology to the development and production of such products as vaccines and monoclonal antibodies are included.

\*All but 33 of the firms listed were sent the OTA/NAS survey questionnaire, which is reproduced in Appendix E: *OTA/NAS Survey of Personnel Needs of Firms in the United States*.

Abbott Laboratories  
14th St. & Sheridan Rd.  
North Chicago, Ill. 60064

Actagen  
Rm. 802  
99 Park Ave.  
New York, N.Y. 10016

Advanced Biotechnology Associates, Inc.  
177 Post St., Suite 700  
San Francisco, Calif. 94108

Advanced Genetic Sciences, Inc.  
42 Maher Ave.  
Greenwich, Conn. 06830

Advanced Genetics Research Institute  
2220 Livingston St.  
Berkeley, Calif. 94606

Advanced Mineral Technologies, Inc.  
P.O. Box 1339  
Socorro, N. Mex. 87801

AgriGenetics Corp.  
3375 Mitchell Lane  
Boulder, Colo. 80301

Allied Chemical Corp.  
Columbia Rd. & Park Ave.  
P.O. Box 400m  
Morristown, N.J. 07960

Alpha Therapeutic Corp.  
5555 Valley Blvd.  
Los Angeles, Calif. 90032

Ambico, Inc.  
P.O. Box M, Route 2  
Dallas Center, Iowa 50063

American Cyanamid Co,  
One Cyanamid Plaza  
Wayne, N.J. 07470

American Diagnostics Corp.  
1600 Monrovia Ave.  
Newport Beach, Calif. 92663

American Quahx  
14620 Firestone Blvd.  
La Mirada, Calif. 90638

Amgen  
1892 Oak Terrace Lane  
Newbury Park, Calif. 91320

Angenics  
100 Inman St.  
Cambridge, Mass. 02139

Animal Vaccine Research Corp.  
3333 Torrey Pines Ct., Suite 120  
La Jolla, Calif. 92037

Antibiotics, Inc.  
P.O. Box 442  
Davis, Calif. 95617

Applied DNA Systems, Inc.  
4415 Fifth Ave.  
Pittsburgh, Pa. 15213

Applied Genetics, Inc.  
5 Jules Lane  
New Brunswick, N.J. 08901

ARCO Plant Cell Research Institute  
6560 Trinity Ct.  
Dublin, Calif. 94568

Atlantic Antibodies  
10 Nonesuch Rd.  
P.O. Box 60  
Scarborough, Maine 04074

- Axonics  
1500 Salado Dr., Suite 202  
Mountain View, Calif. 94043
- Baxter-Travenol Laboratories, Inc.  
One Baxter Parkway  
Deerfield, Ill. 60015
- Becton Dickinson & Co.  
Corporate Research Center  
P.O. Box **12016**  
Research Triangle Park, N.C. 27709
- Bethesda Research Laboratories, Inc.  
P.O. Box 577  
Grovemont Circle  
Gaithersburg, Md. 20760
- Biocell Technology Corp.  
220 East 23rd St.  
New York, N.Y. 10010
- Biochem Technology, Inc.  
66 Great Valley Parkway  
Great Valley Corporate Center  
Malvern, Pa. 19355
- Bio-con, Inc.  
3601 Gibson St.  
P.O. BOX 5277  
Bakersfield, Calif. 93388
- Biogen, Inc.  
241 Binney St.  
Cambridge, Mass. 02142
- BioGenex Laboratories  
6529 Sierra Lane  
Dublin, Calif. 94566
- Biological Energy Corp.  
P.O. Box 766  
2650 Eisenhower Ave.  
Valley Forge, Pa. 19482
- Bio Response, Inc.  
550 Ridgefield Rd.  
Wilton, Conn. 06987
- Biotech Research Laboratories, Inc.  
1600 East Gude Dr.  
Rockville, Md. 20850
- Biotechnica International, Inc.  
85 Bolton St.  
Cambridge, Mass. 02140
- Bio-Technology General Corp.  
280 Park Ave.  
New York, N.Y. 10017
- Brain Research  
46 East 91st St.  
New York, N.Y. 10028
- Bristol-Myers Co.  
Industrial Division  
P.O. BOX 657  
Syracuse, N.Y. 13201
- BTC Diagnostics, Inc.  
**61** Moulton St.  
Cambridge, Mass. 02138
- Calgene  
1910 Fifth St.  
Davis, Calif. 95616
- California Biotechnology, Inc.  
2450 Bayshore Frontage Rd.  
Mountain View, Calif. 94303
- Cambridge Bioscience Corp.  
495 Old Connecticut Path  
Framingham, **Mass.** 01701
- Campbell Institute for Research and  
Technology  
Campbell Soup Co.  
Campbell Rd.  
Camden, N.J. 08101
- Celanese Research Co.  
86 Morris Ave.  
Summit, N.J. 07901
- Cellorgan International, Inc.  
300 Park Ave.  
New York, N.Y. 10010
- Celtek, Inc.  
102 West Eufala  
Norman, Okla. 73069
- Centaur Genetics Corp.  
120 South LaSalle St., Suite 825  
Chicago, 111.60603
- Centocor  
3508 Market St.  
Philadelphia, Pa. 19104
- Cetus Corp.  
600 Bancroft Way  
Berkeley, Calif. 94710
- Cetus Immune Corp.  
3400 West Bayshore Rd.  
Palo Alto, Calif. 94303
- Cetus Madison Corp.  
2208 Parkview Rd.  
Middleton, Wis. 53562
- Chiron Corp.  
4560 Horton St., Suite 0214  
Emeryville, Calif. 94608
- CibaGeigy  
444 Saw Mill River Rd.  
Ardsley, N.Y. 10502
- Clonal Research  
1598 Monrovia Ave.  
Newport Beach, Calif. 92630
- Codon  
430 Valley Dr.  
Brisbane, Calif. 94005
- Collaborative Genetics, Inc.  
128 Spring St.  
Lexington, Mass. 01273
- Collagen, Inc.  
2455 Faber P1.  
Palo Alto, Calif. 94303
- Cooper Diagnostics, Inc.  
1230 Wilson Dr.  
West Chester, Pa. 19380
- Cooper-Lipotech, Inc.  
1030 Curtis St.  
Merdo Park, Calif. 94025
- Corning Glass Works  
Corning Biotechnology Department  
Baron Steuben Plaza  
Corning, N.Y. 14830
- Crop Genetics International  
7170 Standard Dr.  
Dorsay, Md. 21076
- Cutter Laboratories, Inc.  
2200 Powell St.  
P.O. Box **8817**  
Emeryville, Calif. 94662
- Cytogen Corp.  
201 College Rd., East  
Princeton Forrestal Center  
Princeton, N.J. 08540
- Cytox Corp.  
954 Marcon Blvd.  
Allentown, Pa. 18103
- Dairyland Foods Corp.  
620 Progress Ave.  
Waukesha, Wis. 53187
- Damon Biotech, Inc.  
**115** Fourth Ave.  
Needham Heights, Mass. 02194
- Dart & Kraft, Inc.  
2211 Sanders Rd.  
Northbrook, Ill. 60062
- Davy McKee Corp.  
10 South Riverside Plaza  
Chicago, 111.60606
- DeKalb Pfizer Genetics  
Sycamore Rd.  
DeKalb, Ill. 60115
- Diagnon Corp.  
225 Main St.  
Westport, Conn. 06880
- Diagnostic Technology, Inc.  
240 Vanderbilt Motor Parkway  
Hauppauge, N.Y. 11788

Diamond Laboratories  
2538 S.E. 43rd St.  
Des Moines, Iowa 50316

Diamond Shamrock Corp.  
T. R. Evans Research Center  
P.O. Box 348  
Gainesville, Ohio 44077

DNA Plant Technology  
2611 Branch Pike  
Cinnaminson, N.J. 08077

DNAX Corp.  
1454 Page hfill Rd.  
Palo Aho, Calif. 94304

Dow Chemical Co.  
2030 Dow Center  
Midland, Mich. 48640

Ean-tech, Inc.  
699-A Cerramonte Blvd.  
Dale City, Cdif. 94015

Eastman Kodak Co.  
343 State St.  
Rochester, N.Y. 14650

Ecogen, Inc.  
c/o Johnston Associates, Inc.  
1101 State Rd., Bldg. O  
Princeton, N.J. 08540

E. 1. du Pent de Nemours & Co.  
Central Research and Development  
Department  
1007 Market St.  
Wilmington, Del. 19898

Electro Nucleonics Laboratories, Inc  
12050 Tech Rd.  
Silver Spring, Md. 20904

Eli Lilly & Co.  
Lilly Research Laboratories  
307 East MKarty St.  
Indianapolis, Ind. 46285

EnBio, Inc.  
Union Ave. #408A  
Fairfield, Calif. 94533

Endorphin, Inc.  
1000 Seneca St.  
Seattle, Wash. 98111

Engenics, Inc.  
2 Palo Alto Sq., Suite 500  
Palo Alto, Calif. 94304

Enzo Biochem, Inc.  
325 Hudson St.  
New York, N.Y. 10013

Enzyme Bio-systems, Ltd.  
BOX 8000  
Englewood Cliffs, N.J. 07632

Enzyme Center, Inc.  
33 Harrison Ave.  
Boston, Mass. 02111

Enzyme Technology Corp.  
783 U.S. 250 East, Route 2  
Ashland, Ohio 44805

Ethyl Corp.  
P.O. Box 341  
Baton Rouge, La. 70821

Exxon Research & Engineering Co.  
180 Park Ave.  
Florham Park, N.J. 07932

Fermentec Corp.  
301 Saratoga Ave.  
Los Gates, Calif. 95030

FMC Corp.  
2000 Market St.  
Philadelphia, Pa. 19103

Frito-Lay, Inc.  
Frito-Lay Tower  
Exchange Park  
P.O. Box 35034  
Dallas, Tex. 75235

Fungal Genetics, Inc.  
14721 Cottonwood P1.  
Bothell, Wash. 98011

Genencor  
Baron Steuben P1.  
Corning, N.Y. 14870

Genentech, Inc.  
460 Point San Bruno Blvd.  
South San Francisco, Calif. 94080

General Electric Co.  
Research and Development  
Laboratories  
One River Rd.  
Schenectady, N.Y. 12345

General Foods Corp.  
555 South Broadway  
Tarrytown, N.Y. 10591

General Genetics  
15400 West 44th Ave.  
Golden, Colo. 80403

General Molecular Applications  
1834 Elmwood Ave.  
Columbus, ohio 43212

Genetic Diagnostics Corp.  
160 Community Dr.  
Great Neck, N.Y. 11021

Genetic Replication Technologies, Inc  
1533 Monrovia Ave.  
Newport Beach, Calif. 92663

Genetic Systems Corp.  
3005 First Ave.  
Seattle, Wash. 98121

Genetics Institute  
225 Longwood Ave.  
Brookline, Mass. 02115

Genetics International, Inc.  
50 Milk St., 15th Floor  
Boston, Mass. 02109

Genex Corp.  
6110 Executive Blvd.  
Rockville, Md. 20852

Gentronix Laboratories, Inc.  
15825 Shady Grove Rd.  
Rockville, Md. 20850

Genzyme  
1 Bishop St.  
Norwalk, Corm. 06851

W. R. Grace & Co.  
Research Division  
7379 Route 32  
Columbia, Md. 21044

Hana Biologics, Inc.  
626 Bancroft Way  
Berkeley, Calif. 94710

Hem Research  
12220 Wilkins Ave.  
Rockville, Md. 20852

Hoffmann-La Roche, Inc.  
34o Kingsland St.  
Nutley, N.J. 07110

Hybridoma Sciences, Inc.  
4761 Hugh Howell Rd., Suite D  
Tucker, Ga. 30084

Hybritech, Inc.  
11085 Torreyana Rd.  
San Diego, Calif. 92121

Hytech Biomedical, Inc.  
1440 Fourth St.  
Berkeley, Calif. 94710

IBM Corp.  
Thomas J. Watson Research Center  
Yorktown Heights, N.Y. 10598

IGI Biotechnology, Inc.  
9110 Red Branch Rd.  
Columbia, Md. 21045

Immulok, Inc.  
1019 Mark Ave.  
Carpinteria, Calif. 93013

Immunetech, Inc.  
8950 Villa La Jolla Dr., Suite 2132  
La Jolla, Calif. 92037

Immunes Corp.  
51 University Bldg., Suite 600  
Seattle, Wash. 98101

Immuno Modulators Laboratories, Inc.  
10511 Corporate Dr.  
Stafford, Tex. 77477

Immunogen  
c/o T. A. Associates  
111 Devonshire St.  
Boston, Mass. 02109

- Immunotech Corp.  
11 Blackstone St.  
Cambridge, Mass. 02139
- Imreg, Inc.  
P.O. Box 56643  
New Orleans, La. 70156
- Indiana BioLab  
Palmyra, **Ind.** 47164
- Integrated Genetics, Inc.  
51 New York Ave.  
Framingham, Mass. 01701
- Interferon Sciences, Inc.  
783 Jersey Ave.  
New Brunswick, N.J. 08901
- International Genetic Engineering, Inc.  
(INGENE)  
1701 Colorado Ave.  
Santa Monica, Calif. 90404
- International Genetic Sciences  
Partnership  
155-25 Styler Rd.  
Jamaica, N.Y. 11433
- International Minerals & Chemical  
Corp.  
Biochemical Division  
1401 South Third St.  
Terre Haute, Ind. 47808
- International Plant Research Institute  
853 Industrial Rd.  
San Carlos, Calif. 94070
- Kallestad Laboratories, Inc.  
Austin National Bank Tower, Suite 2000  
Austin, Tex. 78701
- Kennecott Copper Corp.  
One Stanford Forum  
Stanford, Conn. 06904
- Lederle Laboratories  
one Cyanamid Plaza  
Wayne, N.J. 07470
- The Liposome Co., Inc.  
1 Research Way  
Princeton Forrestal Center  
Princeton, N.J. 08540
- Liposome Technology, Inc.  
1030 Curtis St.  
Menlo Park, Calif. 94025
- Litton Bionetics  
5516 Nicholson Lane  
Kensington, Md. 20895
- 3M co.  
3M Center  
St. Paul, Minn. 55144
- Mallinckrodt, Inc.  
675 McDonald Blvd.  
P.O. Box 5840  
St. Louis, Mo. 63134
- Martin Marietta  
1450 South Rolling Rd.  
Baltimore, Md. 21227
- Meloy Laboratories, Inc.  
6715 Electronic Dr.  
Springfield, Va. 22151
- Merck & Co., Inc.  
Merck Sharp and Dohme Research  
Laboratories  
P.O. Box 2000  
Rahway, **N.J.** 07065
- Microlife Genetics  
P.O. Box 2399  
1817 57th St.  
Sarasota, Fla. 33578
- Miles Laboratories, Inc.  
1127 Myrtle St.  
Elkhart, **Ind.** 46515
- Miller Brewing Co.  
3939 West Highland Blvd.  
Milwaukee, Wis. 53201
- Molecular Biosystems, Inc.  
1118-A Roselle St.  
San Diego, Calif. 92121
- Molecular Diagnostics  
400 Morgan Lane  
West Haven, Conn. 06516
- Molecular Genetics, Inc.  
10320 Bren Rd., East  
Minnetonka, Minn. 55343
- Monoclonal Antibodies, Inc.  
2319 Charleston Rd.  
Mountain View, Calif. 94043
- Monsanto Co.  
500 N. Linbergh  
St. Louis, Mo. 63167
- Multivac, Inc.  
P.O. Box 575  
Seal Beach, Calif. 90740
- Nabisco, Inc.  
River Rd. and De Forest Ave.  
East Hanover, N.J. 07936
- National Distillers & Chemical Co.  
99 Park Ave.  
New York, N.Y. 10016
- Neogen Corp.  
Nisbet Bldg., Suite 22  
1407 S. Harrison Rd.  
East Lansing, Mich. 48824
- New England Biolabs  
32 Tozer Rd.  
Beverly, Mass. 01915
- New England Monoclonal Resources  
267 Plain St.  
Providence, R.I. 02905
- New England Nuclear Corp.  
85 Wells Ave.  
Newton Center, Mass. 02159
- Norden Laboratories  
601 West Cornhusker Highway  
Lincoln, Nebr. 68521
- Novo Laboratories, Inc.  
59 Danbury Rd.  
Wilton, Conn. 06897
- NPI  
417 Wakara Way  
University Research Park  
Salt Lake City, Utah 84108
- Nuclear & Genetic Technology, Inc.  
172 Brook Ave.  
Deer Park, N.Y. 11729
- Ocean Genetics  
1990 N. California Blvd., Suite 830  
Walnut Creek, Calif. 94596
- Oncogen  
3005 First Ave.  
Seattle, Wash. 98121
- Oncogene Science Inc.  
Nassau Hospital  
Professional Bldg., Suite 330  
222 Station Plaza North  
Mineola, N.Y. 11501
- Organon, Inc.  
375 Mt. Pleasant Ave.  
West Orange, N.J. 07052
- Ortho Pharmaceutical Corp.  
Route 202  
Raritan, N.J. 08869
- Petrogen, Inc.  
2452 East Oakton St.  
Arlington Heights, Ill. 60005
- Pfizer, Inc.  
25 East 42nd St.  
New York, N.Y. 10017
- Phillips Petroleum Co.  
Research Center  
Bartlesville, Okla. 74004
- Phytogen  
101 Waverly Dr.  
Pasadena, Calif. 91105
- Phyto-tech Lab  
21822 South Vermont Ave.  
Torrance, Calif. 90502
- Pioneer Hybrid International Corp.  
1206 Mulberry St.  
Des Moines, Iowa 50308
- Plant Genetics, Inc.  
1930 Fifth St., Suite A  
Davis, Calif. 95616

Polybac Corp.  
1251 S. Cedar Crest Blvd.  
Allentown, Pa. 18103

PPG Industries  
One Gateway Center  
Pittsburgh, Pa. 15222

Purification Engineering, Inc.  
9505 Berger Rd.  
Columbia, Md. 21046

Quidel Home  
11077 North Torrey Pines  
La Jolla, Calif. 92037

Replicon  
P.O. BOX 27053  
South San Francisco, Calif. 94127

Repligen Corp.  
101 Binney St.  
Cambridge, Mass. 02142

Ribi Immunochem Research, Inc.  
P.o. Box 1409  
Hamilton, Mont. 59840

Rohm & Haas Co.  
Independence Hall  
West Philadelphia, Pa. 19105

Salk Institute Biotechnology/  
Industrial Associates, Inc.  
3333 Torrey Pines Ct., Suite 140  
La Jolla, Calif. 92037

Sandoz, Inc.  
Route No. 10  
East Hanover, N.J. 07936

Schering-Plough Corp.  
2000 Galloping Hill Rd.  
Kenilworth, N.J. 07033

SDS Biotech Corp.  
7528 Auburn Rd.  
Gainesville, Ohio 44077

G. D. Searle & Co.  
Box 1045  
Skokie, Ill. 60076

Serono Laboratories, Inc.  
280 Pond St.  
Randolph, Mass. 02368

SmithKline Beckman  
One Franklin Plaza  
P.O. BOX 7929  
Philadelphia, Pa. 19101

E. R. Squibb & Sons, Inc.  
P.o. Box 4000  
Princeton, N.J. 08540

A. E. Staley Manufacturing Co.  
2200 Eldorado St.  
Decatur, Ill. 62525

Standard Oil Co. of California  
225 Bush St.  
San Francisco, Calif. 94104

Standard Oil Co. of Indiana  
Amoco Research Center  
P.o. Box 400  
Naperville, Ill. 60566

Standard oil Co. of Ohio  
1424 Midland Bldg.  
Cleveland, Ohio 44115

Stauffer Chemical Co.  
Nyala Farm Rd.  
Westport, Conn. 06881

Summa Medical Corp.  
4272 Balloon Park Rd., N.E.,  
Albuquerque, N. Mex. 87109

Sungene Technologies Corp.  
3330 Hillview Ave.  
Palo Alto, Calif. 94304

Sybron Biochemical  
Birmingham Rd.  
Birmingham, N.J. 08011

Synbiotex Corp.  
348-B Rancho Dr.  
San Marcos, Calif. 92069

Syncor International  
12847 Arroyo St.  
Sylmar, Calif. 91342

Synergen  
1885 Thirty Third St.  
Boulder, Colo. 80301

Syngene Products & Research, Inc.  
225 Commeme Dr.  
P.o. Box 2211  
Fort Collins, Colo, 80524

Syntex Research  
c/o Syntex Corp.  
3401 Hillview Ave.  
Palo Alto, Calif, 94304

Syntro Corp.  
11095 Torreyana  
San Diego, Calif. 92121

Syva Co.  
900 Arastradero Rd.  
Palo Alto, Calif. 94303

Techniclone International Corp.  
3301 South Harbor Blvd., Suite 104  
Santa Ana, Calif. 92704

Unigene Laboratories, Inc.  
110 Little Falls Rd.  
Fairfield, N.J. 07006

Universal Foods Corp.  
433 East Michigan St.  
Milwaukee, Wis. 53202

University Genetics Co.  
537 Newtown Ave.  
Norwalk, Conn. 06852

U.O.P., Inc.  
10 UOP Plaza  
Des Plaines, Ill. 60016

The Upjohn Co.  
7000 Portage Rd.  
Kalamazoo, Mich. 49001

Viral Genetics  
10 Cutter Mill Rd., Rm. 403  
Great Neck, N.Y. 11021

Wellcome Research Laboratories  
3030 Cornwallis Rd.  
Research Triangle Park, N.C. 27709

Worne Biotechnology, Inc.  
Medford Medical Bldg.  
Stokes Rd., Box 458  
Medford, N.J. 08055

Xenogen, Inc.  
557 Wormwood Rd.  
Mansfield, Conn. 06250

Xoma Corp.  
3516 Sacramento St.  
San Francisco, Calif. 94118

Zoecon  
975 California Ave.  
P.o. Box 10975  
Palo Alto, Calif. 94304

Zymed Laboratories  
P.O. Box 1856  
Burlingame, Calif. 94010

Zymos Corp.  
2121 North 35th St.  
Seattle, Wash. 98103