

BIOTECHNOLOGY

Biotechnology is the branch of applied science that uses living organisms and their derivatives to produce products and processes. These products and processes feature in healthcare, medicine, biofuels, and environmental safety.

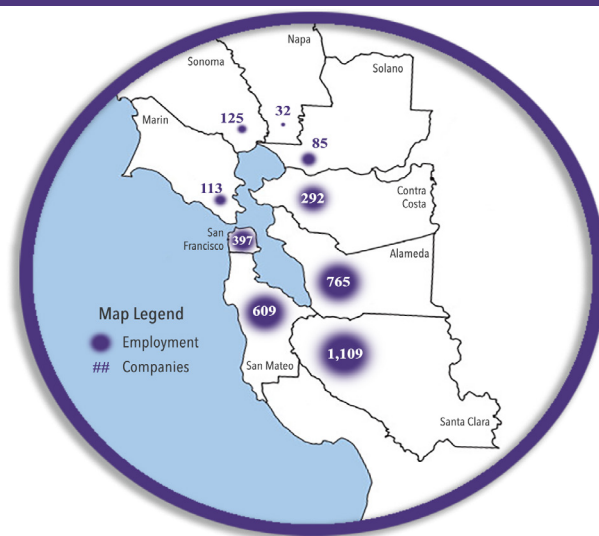
“Biotech’s underlying innovation engine remains robust; the pharmaceutical ecosystem’s innovation engines are still thriving, as new modalities and exciting scientific innovations continue to drive the sector forward. While many emerging biotechs are still struggling, there are positive signs of a thaw in the financing and dealmaking environment for the biotech industry.”

– Beyond Borders: EY’s Biotechnology Report 2024

Representative Industry Occupations

Lab-Based R&D		
Lab Technician (Medical Device)	\$ 55,000–82,000	AS
Lab Technician (Medical)	\$ 50,000–76,000	AS
Biomedical Engineer (entry)	\$ 71,000–113,000	BS
Chemist/Biochemist	\$ 67,000–110,000	BA/MS
Regulatory Affairs		
Regulatory Affairs Specialist	\$ 65,000–107,000	BS + Cert
Regulatory Affairs Manager	\$ 137,000–237,000	BS/MS + Cert
Clinical Trials		
Clinical Research Associate	\$ 64,000–103,000	BS
Clinical Trials Administrator	\$ 58,000–119,000	BS
Production		
Process Technician	\$ 46,000–62,000	HS
Manufacturing Technician	\$ 41,000–67,000	HS
Manufacturing Engineer	\$ 85,000–112,000	BS
Process Engineer	\$ 85,000–111,000	BS
Quality Control	\$ 45,000–139,000	BS
Validation Engineer	\$ 56,000–102,000	BS
Sales		
Sales Representative (Pharmac.)	\$ 42,000–115,000 + commission	BS

Biotechnology Concentration – San Francisco Bay Area



Career Advisor Corner

Bioscience backgrounds are highly favored. You should demonstrate your knowledge of life sciences if your educational background is unrelated.

Networking is key, as is willingness to consider lower levels when entering from other industries.

BIOTECHNOLOGY IN THE SAN FRANCISCO BAY AREA

Top Regional Companies

Company	Revenue	Employees*
Grail	\$93.0 billion	559
AbbVie	\$54.3 billion	14,451
Bayer	\$51.5 billion	1,064
Bristol Myers Squibb	\$45.0 billion	475
Thermo Fisher Scientific	\$42.8 billion	2,541
Amgen	\$29.5 billion	600
Gilead Sciences	\$27.1 billion	4,371
Genentech	\$2.90 billion	9,400
Beigene USA	\$2.46 billion	275
BioMarin Pharmaceutical	\$2.42 billion	1,732
Exelixis	\$1.83 billion	896
10x Genomics	\$618.7 million	675
Corcept Therapeutics	\$482.4 million	220
Ultragenix Pharmaceutical	\$434.2 million	4,491
Sutro Biopharma	\$333.7 million	328
Denali Therapeutics	\$330.5 million	3,751
23andMe Holding	\$299.4 million	415
CareDx	\$280.3 million	2,681
Dynavax Technologies	\$232.2 million	175
Sangamo Therapeutics	\$176.2 million	371

* The number of employees correspond to the Bay Area alone.

Relevant Industry Reports

[2024 Life Science Economic Impact Report](#)

[Beyond Borders: EY Biotechnology Report 2024](#)

[2023 Life Science Workforce Trends Report](#)

[Bay Area 2023 Performance](#)

Staffing Agencies

Aeroteck

www.aerotek.com

Kelly Science, Engineering and Technology

set.kellyservices.us/

Premier Talent Partners

www.premiertalentpartners.com/job-seekers

Talentburst

talentburst.com/life-sciences

Top Job Boards

Biocom California Institute

careerhub.biocom.org/jobs

BioSpace

www.biospace.com/jobs

Life Sciences Jobs

www.califsciences.org

Professional Associations & Networking Groups

Association for Women in Science - East Bay Chapter

www.awis.org/

Bay Area Biomedical Device Conference

qb3.org/

Bio2Device

bio2devicegroup.org

Biocom California Institute

www.biocominstitute.org

Biotechnology Innovation Organization

www.bio.org/

California Life Science Association (CLSA)

califsciences.org/bio

Clinical & Laboratory Standards Institute (CLSI)

clsi.org

MedTech Women

medtechwomen.org/

Women in Bio (WIB)

www.womeninbio.org/page/SF

Events/Conferences

California Life Science Association (CLSA)

www.califsciences.org/event-list-page/

Biotech Showcase

informaconnect.com/biotech-showcase/

Fierce Bioetech

jobs.fiercebiotech.com

Certificates / Training Opportunities

Biotechnology Regulatory Affairs & Compliance

Bioinformatics Multiple modules & certificates

Medical Device Medical Device

Regulatory Affairs Drug & Biologics

Medical Device

