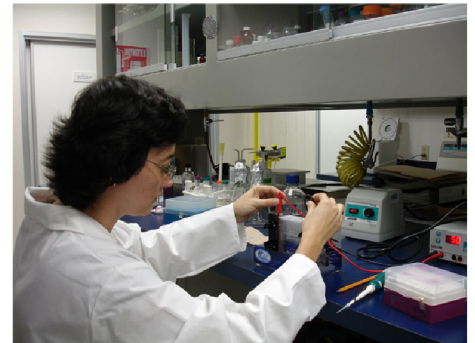


BIOTECH



MEXICO

Located in North America, Mexico neighbors the US. More specifically, Baja California is just across the border with California, which is the **#1** biotechnology cluster in the US. With **\$55 billion** dollars in biomedical exports, California is home of **+3,000** biotechnology companies, and **+14,000** biomedical facilities and there's **+80** research institutes in San Diego.

“There are 660 companies related to Biotechnology in Mexico.”

Biotechnology institutions

CICESE

Bioeconomic Cluster

Algas Pacific

UNAM Nanoscience and Nanotechnology Center

Regenerative Medicine Research Center

Bionag

Scantibodies

Sukarne

What's happening in Baja?

Production of seaweed and guano based biofertilizers.

Research in the application of stem cells in different diseases.

Treatment of diseases through silver nanoparticles.

Development of monoclonal and polyclonal antibodies.

Innovation, research and development activities in the meat industry.

Aquaculture, conservation biology, marine biotechnology, marine ecology, microbiology and oceanography.

BAJA CALIFORNIA

The first applications of biotechnology in Baja California were registered in the wine industry in the municipality of Ensenada, which had its beginnings in 1888 with the Santo Tomás company.

The most diverse region in Mexico.

+150 companies related to the biotechnology industry in Baja California, focused on advanced biotechnology.



Business Opportunities

Aquaculture

Medical biotechnology

Industry Talent

There are **+4,000** registered researchers in the biotechnology area and agricultural sciences in Baja California, and **+18,800** degrees were awarded in 2018, of which **38% were in STEM fields**. Engineering was the STEM field with the highest number of degrees conferred at **3,671**, followed by health sciences at **2,421** degrees.

Industry's Needs:

- Complete supply chain.
- Companies and specialists to collaborate on the optimization of bioprocesses.
- Equipment rental for universities.
- Mechanisms to facilitate relationships between universities and private companies.
- Private and government funding for research and development.
- Infrastructure

Why establish operations in Baja California?

- Growth potential due to our great biodiversity of ecosystems and species, our highly skilled workforce and our competitive manufacturing costs.
- Research capacity developed around the application of Biotechnology in health, aquaculture and the environment.
- Educational offers and growing enrollment in biotechnological and life sciences careers at a professional and postgraduate level.
- Entrepreneurship from professionals in biotechnology and related fields Highly equipped research laboratories.
- Presence of industries in the state that have incorporated biotechnology in their processes and/or products.
- Geographical advantage due to the closeness with San Diego, California, international reference in biotechnology for health.

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