



BioP2P Network

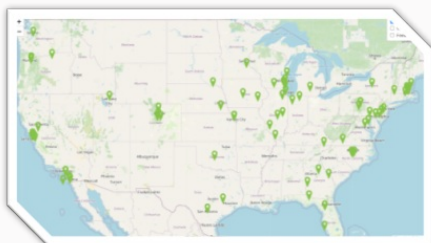
MANUFACTURING FOR THE BIOECONOMY

www.biomanufacturing.net

Newsletter. Edition 12: October 2024

BioProcess to Product (BioP2P) Network News

US Toll Biomanufacturing and the BioP2P Directory



[The BioP2P Directory](#) has more than 80 biomanufacturing facilities in the United States listed in this free and searchable directory. The majority of these facilities have verified toll biomanufacturing capacity and DSP capabilities. The BioP2P Directory continues to grow - be sure to add your facility to the Directory today!

**Register
a
Facility**

Welcoming Resilience to the BioP2P Directory!

RESILIENCE

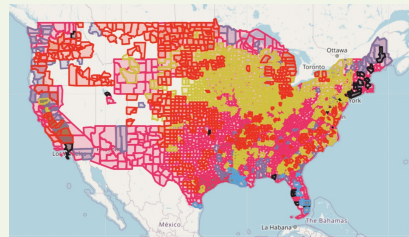
Resilience - Alachua, FL

Resilience is a CDMO/CMO and innovation partner, leading the pursuit of novel medicines by revolutionizing how they're made, funded and scaled. Resilience operates a number of distinct facilities in the US with end-to-end process development and production. The Resilience-ADM

(Advanced Development and Manufacturing) facility located near the University of Florida, focuses on microbial, live virus and mammalian GMP production. The facility offers 4750L of total capacity, a comprehensive analytical suite and capabilities to support customized DSP. Visit the BioP2P Directory to see more Resilience locations in the US at www.biomanufacturing.net/directory

Feedstocks maps in the BioP2P Directory

In partnership with the Department of Energy's National Renewable Energy Laboratory (NREL), the BioP2P Directory includes the mapping of nine distinct feedstocks at the county level. Most recently rice straw and rice hulls have been added to the BioP2P Directory. The BioP2P Directory allows you to search by feedstocks and co-localize toll biomanufacturing facilities to feedstock supply.



Biomanufacturing & Bioeconomy Headlines

Horizons: Life Sciences 2024

CRB

October 1, 2024

[Read More.](#)

Life Sciences Construction Benchmarks & Trends 2024

CBRE

October 1, 2024

[Read More.](#)

InspiroGene: 2024 Cell and Gene Therapy Report

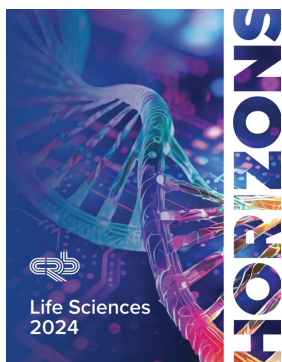
McKesson

October 9, 2024

[Read More.](#)

Three Industry Titans Issue Reports on the life sciences markets:

CRB Horizons: Life Sciences Report



In early October, the engineering firm CRB released its latest analysis of trends in life sciences' manufacturing and facilities. The *Horizons: Life Sciences 2024 Report* examines key findings regarding facility design, equipment, and processes within the life sciences sector. It highlights the implementation of concepts like Pharma 4.0™, AI integration, sustainability and continuous manufacturing. The report draws on insights from a recent survey to showcase real-world applications among industry peers.

The report addresses critical challenges, particularly around funding modernization efforts, and explores how manufacturers prioritize capital investments to enhance efficiency and innovation. Overall, the report aims to provide actionable insights for organizations at various stages of their modernization journey, helping them refine their strategies for future growth. Access the full report [here](#).

McKesson: 2024 Cell and Gene Therapy Report

The *2024 Cell and Gene Therapy (CGT) Report* by McKesson highlights significant advancements in Cell and Gene Therapy. The report notes how the industry is transitioning from a theoretical concept into a clinical reality, offering transformative treatments for serious diseases. With numerous CGTs currently available and many in development, the report underscores the potential to significantly benefit millions of patients.

The report reviews the current state and future outlook of CGT while identifying challenges and barriers to widen adoption and access. Insights from a survey of 124 oncologists provide valuable perspectives on CGT usage, complemented by a unique map illustrating "CGT deserts" across the U.S.



Crucially, the report proposes actionable solutions to address these challenges and

emphasizes the importance of collaboration within the healthcare industry to improve access and enhance patient care through CGT. Read the full report [here](#).

CBRE: Life Sciences Construction Benchmarks & Trends 2024



The *Life Sciences Construction Benchmarks and Trends 2024* from CBRE summarizes trends in lab and R&D space construction reveal several significant shifts. The report highlights a transitioning landscape in the life sciences real estate market.

The notable findings in the report include a measurable *Decrease in Conversions*, where the proportion of lab/R&D space under construction that is being converted from other uses has dropped sharply over the past two years. *Normalization of Build-to-Suit Projects*: The ratio of build-to-suit projects compared to speculative constructions has returned to levels typical of five years ago. *Market Dynamics*: Although the peak in lab/R&D construction has passed, the leading markets—Boston-Cambridge, San Francisco Bay Area, and San Diego—are expected to take several years to absorb the current oversupply. *Rising Fit-Out Costs*: Fit-out costs and tenant improvement allowances have surged compared to pre-pandemic levels, with significant variability based on the type of life sciences fit-out and geographical location. Download the full report [here](#).

2024 Biomanufacturing Conference Calendar

[click an event for 2025 Calendar.](#)

- [Biomanufacturing World Summit](#), Nov 19-21, San Diego, CA
- [DSP for Alternative Proteins and Cellular Agriculture](#), Nov 19-20, Chicago, IL
- [Alternative Fuels & Chemicals Coalition Annual Conference](#), November 20 - 22, Washington DC
- [Scaling Up™ 2024](#), November 25-27, Ontario, CA

BioP2P Talent Initiatives



Employers

The BioP2P Network recognizes a robust talent pool is essential for growing the biomanufacturing community in the United States.

Visit the [BioP2P Directory](#) to locate training programs in the US developing the talent pool for bioprocessing. The [BioP2P Career Center](#) is an additional resource for posting jobs and connecting to your next new hire.

[Post a Job Today](#)

**Free to
Use!**

**Free to
Join!**

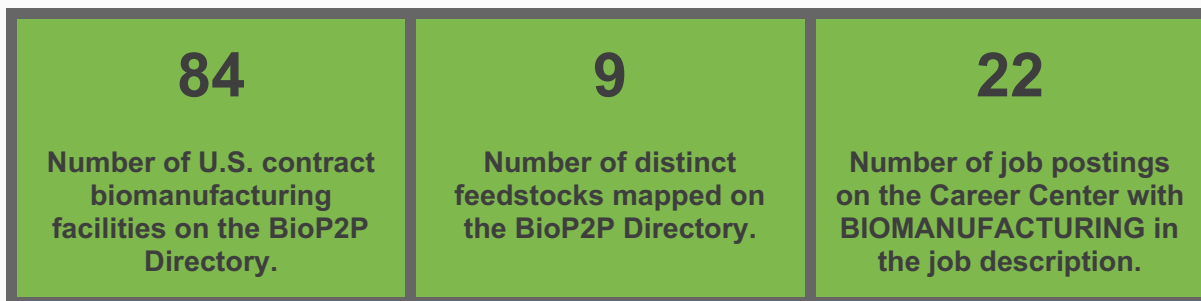
**Free
Resources!**

ABOUT US:

The **BioProcess to Product Network** provides free resources to support the biomanufacturing community in the United States. The BioP2P Network is a project of the [California Biomanufacturing Center](#) and with support from Schmidt Futures, a philanthropic initiative of Eric and Wendy Schmidt. Visit our [website](#) to meet the Scientific Advisory Board members who have contributed to this resource and follow us on social media.



BioP2P Network By the Numbers:



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