

BIOSCIENCE



Greater Portland is emerging as a hotbed for new companies in computational biology, biochemistry and cellular programming. These companies are delivering life-changing innovations, and our region's output is sure to grow as Greater Portland continues to attract the world's best bioscience minds.

Our industry strengths

HIGHLY-SKILLED TALENT



Specialized university labs in the region include OHSU's National Primate Research Center, UO's Genomics & Cell Characterization Core Facility and OHSU's biolibrary of tissues and blood. This access to hands-on education boosts the number of STEM occupations, which made up **24% of our region's jobs in 2020**.

SILICON FOREST EXPERTISE



Home to **Intel's global R&D headquarters**, Greater Portland is uniquely positioned to support bioscience companies, which share the semiconductor industry's engineering talent pool and suppliers, as well as experts practiced in delivering **cleanrooms for product testing and development**.

CANCER TREATMENT PIONEER



Oregon Health & Science University is the region's premier research institution. It employs 18,000 and received more than **\$405 million in federal grant funding** in 2021. OHSU is home to the Knight Cancer Institute, which is leading the world in personalized cancer medicine.

REGIONAL INDUSTRY HIGHLIGHTS

7,800

Employees

208

Establishments

Top 10

Greater Portland is considered a top 10 emerging bioscience market by real estate firm CBRE.

\$324M

Oregon and SW Washington biotech companies raised a record amount across 37 deals in 2021.

2x scientists

Greater Portland has twice the average national concentration of life scientists and biological technicians.

KEY PORTLAND METRO EMPLOYERS

Genentech 1,246

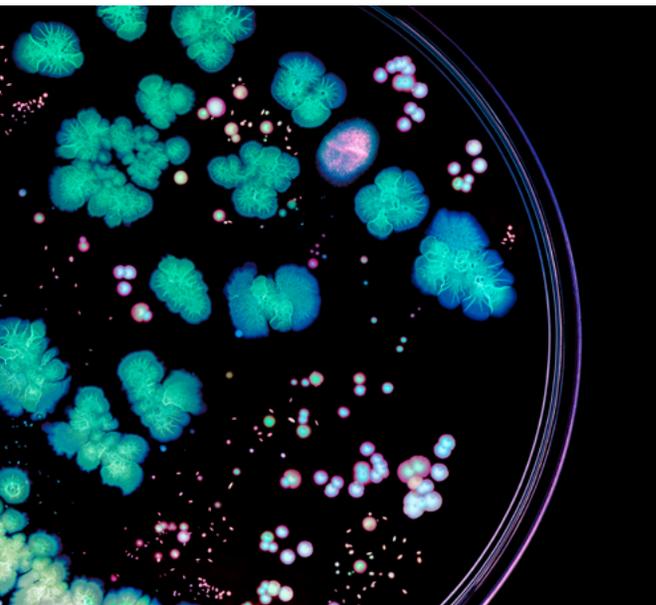
**ThermoFisher
SCIENTIFIC** 1,062

**MICRO SYSTEMS
ENGINEERING** 550*

+ acumed 405*

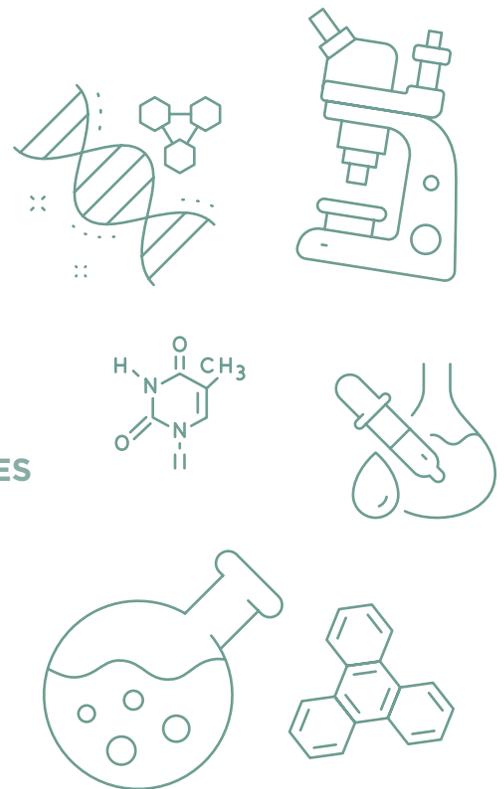
absci 200*

*Denotes headquarters



BIOSCIENCE ECOSYSTEM

Industry Clusters



PHARMACEUTICALS & RESEARCH

- Absci
- AgonOx
- Aronora
- Capsigen
- CytoDyn
- Genentech
- ICON
- Lacamas Laboratories
- PDX Pharmaceuticals
- Twist Bioscience
- Vetsource
- Yecuris

MEDICAL DEVICES

- Biotronik
- Hemex Health
- Thermo Fisher Scientific

MEDICAL TECHNOLOGIES

- BioSpeech
- Micro Systems Technologies

MEDICAL & DENTAL EQUIPMENT

- A-dec
- Acumed
- Welch Allyn



Research lab at Portland State University

TWIST BIOSCIENCE BUILDING “FACTORY OF THE FUTURE” IN WILSONVILLE

Twist, based in San Francisco, manufactures synthetic DNA by “writing” the DNA on a silicon chip. Applications of this unique technology include synthetic genes, tools for next-generation sequencing preparation, and antibody libraries for drug discovery and development.

Twist’s 110,000-square-foot facility in Wilsonville will create as many as 400 bioscience jobs, further solidifying Greater Portland’s growing reputation as a hub for firms at the forefront of cutting-edge biotechnology innovation.

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