

Understanding Biomedicine: a vital sub-sector of Life Sciences.

Biomedical research combines biology, medicine and technology to improve human health through scientific discovery. **Researchers study diseases, develop new therapies and medical technologies, and help bring innovations from the laboratory to patient care.**

Students with an interest in science, healthcare and innovation can pursue a variety of career paths in biomedical research. Northeast Florida is home to world-class healthcare systems, research institutions, biotechnology companies and pharmaceutical manufacturers, creating opportunities in laboratory research, clinical trials, product development, quality assurance and manufacturing.

Biomedical research offers careers in a variety of work environments, including hospitals, laboratories, universities and private industry. **While many positions require advanced education or specialized training, they provide strong earning potential, meaningful work and opportunities for long-term career advancement.**

The occupations shown below represent a cross-section of entry-, mid- and executive-level positions.

FAST FACTS

131,900+ employed in
Life Sciences in JAX

Over 5,000 life sciences
establishments in the region

\$77,800 average wage
per worker in Northeast Florida

TOP EMPLOYERS IN THE REGION



5,000 employees



900 employees



3,500 employees



15,000 employees



10,900 employees



3,250 employees



5,050 employees



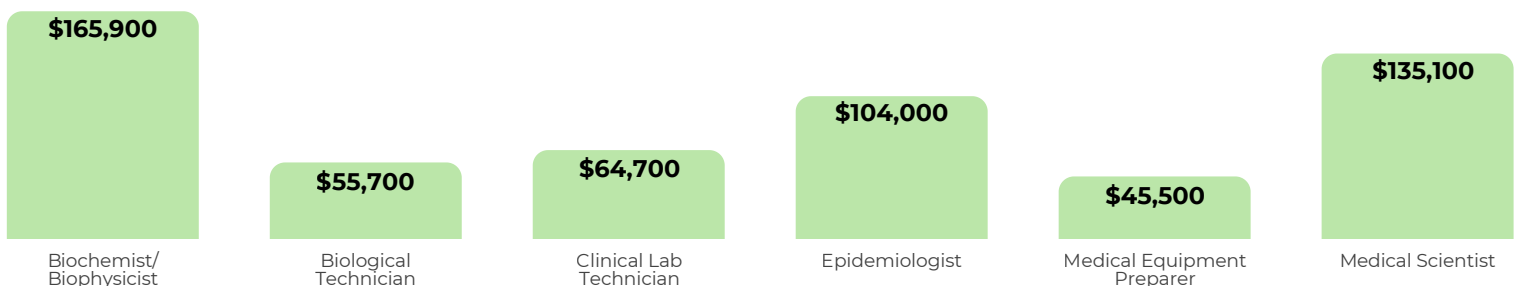
5,700 employees



4,300 employees

AVERAGE WAGES

Entry-Senior Level



Source: JobsEQ, 2026

Talent Pipeline

Regional colleges & degree/certificate programs with Life Sciences (or related) concentrations

- Edward Waters University
- Florida State College at Jacksonville
- Jacksonville University
- Keiser University
- St. Johns River State College
- University of North Florida
- Flagler College
- University of Florida (Graduate Campus)

Graduate Level

- Biology - Biomedical Sciences (MS)
- Medical Sciences (MS)
- AI in Biomedical & Health Sciences (MS)

ADVANCED DEGREE

- Biochemist/Biophysicist **(\$165,900)**
- Epidemiologist **(\$104,000)**
- Medical Scientist **(\$135,100)**

Bachelor Level

- Biology or Biological Sciences (BS)
- Biology with Biotechnology Certificate (BS)
- Biomechanical Engineering Minor for Mechanical Engineers
- Biomedical Engineering Minor for Electrical Engineers (BSEE)
- Biomedical Sciences (BS)

4-YEAR DEGREE

- Biomedical Engineer **(\$97,900)**
- Medical and Clinical Lab Technician **(\$64,700)**
- Microbiologist **(\$93,100)**
- Clinical Research Coordinator **(\$65,600)**

Associate Level

- Biomedical Equipment Technician (AS)
- Biotechnology Laboratory Technology (AS)
- Medical Laboratory Technology (AS)

2-YEAR DEGREE

- Biological Technician **(\$55,700)**
- Engineering Technologist **(\$88,000)**
- Medical Equipment Preparer **(\$45,500)**
- Medical Equipment Repairer **(\$60,500)**

Certificate Level

- Biotechnology Laboratory Specialist/Health Science
- Chemical Lab Specialist

1 YEAR (OR LESS) CERTIFICATE

Entry Point

- High school students enrolled in any **one of 35** related Career and Technical Education (CTE) academies or curriculum. This also includes certification opportunities.

HIGH SCHOOL DIPLOMA

- Nursing Assistant **(\$39,800)**

DATA PROVIDED BY JOBSEQ 2026, ONET.ORG, BLS.GOV AND INDEED.COM
This represents a sampling of programs currently being offered. Curriculum is subject to change.

SELECT REGIONAL EMPLOYERS - BIOMEDICAL

Ascension St. Vincent's*+
Baptist Health*+
Baptist MD Anderson
Cancer Center
Brooks Rehabilitation*+
Florida Blue*+

Formativ Health
HCA Florida Healthcare*+
Johnson & Johnson Vision*+
KLS Martin Group
Mayo Clinic*+

Meclabs Institute
McKesson
Medtronic+
Nemours Children's Clinic+
UF Health Jacksonville+
Zimmer Biomet+

**JAXUSA Partnership Investor/ +JAX Chamber Member*

To view full list of investors, visit jaxusa.org.

JAX REGION ATTRACTS TOP SCIENTISTS AND COMPANIES

If you're interested in STEM and like to think critically about process, study outcomes and make an impact on individual or global public health, consider the biomedical industry. This industry involves understanding the big picture consequences of processes that occur at the smallest cellular or molecular level. According to BioFlorida.com, **"Florida's bioscience industry is developing breakthrough discoveries and therapies that have the ability to propel the industry and improve the quality of life for Americans across the country."**

BUSINESS IS BOOMING IN THE JACKSONVILLE REGION: NEW TYME CANCER INSTITUTE OPENING IN ST. JOHNS COUNTY

Tyler Mert Ergisi was diagnosed with a rare form of bone cancer that took his life at the age of 19. In honor of his life and legacy, the TyMe Institute will develop more than 30,000 square feet of space for a cancer prevention clinic, including a future cancer research laboratory and small-scale cancer drug manufacturing facility. The project is expected to create at least 54 new high-wage jobs.

"Our son, Tyler Mert Ergisi, was diagnosed with osteosarcoma (bone cancer), a deadly cancer that took his life at the age of 19. TyMe (Tyler Mert Ergisi) Institute is founded to honor his courageous battle against cancer. The Ergisi family has resolved to use all their resources, relationships, knowledge, and economic strength in the quest to find a cure for children like Tyler. We aspire to save one life at a time so that other parents may never endure the unimaginable pain of losing a child," says Tyler's family.

TyMe Institute will be part of the mixed-use project The Fountains that is being developed by Jacksonville-based Cross Regions Group. The CEO-David Ergisi-is Tyler's father. The new institute is expected to open in 2026.



JAXUSA TALENT DEVELOPMENT

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Earn Up is powered by JAXUSA Partnership, the private, nonprofit division of JAX Chamber that is Jacksonville's regional economic development initiative overseeing the efforts of the seven counties of Northeast Florida. Earn Up also works closely with CareerSource Northeast Florida to ensure that employers have the best assistance or any pertinent workforce needs.