

# FREDERICK MARYLAND IS WHERE **CULTURES CONNECT**

During the day, you'll find a deep culture of discovery and innovation dedicated to the life sciences. An impressive local workforce drives development & production at cutting-edge locations, such as AstraZeneca's biologic manufacturing facility, the Leidos – Frederick National Lab FFRDC, and the new Kite Pharma biopharmaceutical manufacturing facility. In addition, there is an emerging risk management and services cluster focused on the biotechnology, clinical, pharmaceutical and research communities.

After the lab coats are hung up for the day, those same minds meld into the diverse cultural experiences for which Frederick is nationally renowned. From the food scene of historic downtown Frederick and a thriving craft beverage industry to the plentiful outdoor recreational opportunities throughout the mountains, valleys, and rivers that surround the community, Frederick County offers a quality of life that supports both the attraction and retention of top talent.



## ADVANTAGES

### BUSINESS FRIENDLY ENVIRONMENT

Frederick, the Northern anchor of the 270 Technology Corridor, is home to more than 100 life science companies focused on biopharmaceutical manufacturing, biodefense research & discovery, and development of medical devices, diagnostics, and research tools. The bioscience industry enjoys Frederick's low tax structure, no business personal property tax, fast track permitting assistance and lower development costs.

### STRATEGIC LOCATION AND ACCESS

Frederick's location within the Mid-Atlantic region enables access to 1/3 of the U.S. population within a day's drive. Frederick's proximity to both Washington D.C. and Baltimore, MD (1 hour) offers direct access to federal agencies, and world-renowned research institutions such as John Hopkins University. Businesses enjoy easy access to a comprehensive transportation network including highway, 3 international airports (BWI, Reagan National, and Dulles International), rail and port resources.

### SKILLED WORKFORCE & EDUCATIONAL SYSTEM

Over 40% of the workforce holds a bachelor's degree or higher. The community continues to invest in building a strong local workforce pipeline including, but not limited to, nationally recognized programs at Frederick County Public Schools in Biomedical Services, Pre-Engineering Academy, and the International Baccalaureate Academy embedded in high schools. Frederick is also home to 3 higher education institutions offering Associate's, Bachelor's, and Master's degrees in Bioprocessing, Biomedical Science, Environmental Biology, Chemistry & Biology, and Pre-Med Studies with opportunities for training partnerships. Frederick City and County Economic Development offices have also partnered with local institutions to deliver free workforce training programs, including the Biotech Bootcamp which prepares participants for entry-level life science positions.

### FROM INCUBATION TO ACCELERATION

The Frederick innovative Technology Center, Inc. (FITCI) offers biotech and life science entrepreneurs space across multiple locations. The current locations offer more than 35 offices, 12 wet labs and state-of-the-art services geared towards accelerating biotech entrepreneurs. An 88,000 SF expansion is currently underway to add additional office, lab, and community space.



## MAJOR GOVERNMENT FUNDED RESEARCH

- Congressionally Directed Medical Research Programs\*
- Frederick National Laboratory for Cancer Research\*
- National Biodefense Analysis and Countermeasures Center\*
- National Cancer Institute - Frederick\*
- National Center for Medical Intelligence\*
- National Institute of Allergy and Infectious Diseases - Frederick\*
- Telemedicine & Advanced Technology Research Center\*
- U.S. Army Medical Research and Materiel Command\*
- U.S. Army Medical Research Institute of Infectious Diseases\*
- US Army Center of Environmental Health Research\*
- USDA Foreign Disease-Weed Science Research Unit\*

## CONTRACT RESEARCH & MANUFACTURING ORGANIZATIONS

- Alizee Pathology
- Bluepoint Bioscience
- Charles River Laboratories
- Columbia Biosciences

List as of 6/28/23. Updates and additions may be submitted to the City's Department of Economic Development at [businessinfrederick@cityoffrederick.com](mailto:businessinfrederick@cityoffrederick.com) or the County's Office of Economic Development at [info@discoverfrederickmd.com](mailto:info@discoverfrederickmd.com).

## \*DENOTES LOCATED IN CITY OF FREDERICK LIMITS

Denovo Biotechnology Ellume USA Emmes Corporation Express Genomics* Fibercell Laboratories Immunoprobe* Imquest Biosciences Indivumed Integrated Pharma Services Kamtek Kemp Proteins Kite Pharma a Gilead Company Leidos Biomedical Research* Lifeline Cell Technology* Lonza Medigen* Modavar Pharmaceuticals Ology Bioservices* Poochon Scientific Precision for Medicine* SriSai BioPharmaceutical* StageBio* Texcell Tox Path Specialists a StageBio Company*	Eminent Services Corporation Inspirion Biosciences Meridian BioGroup Mesa Science Associates Nexus Discovery Advisors US Pharmacopeia Valogic*  <b>NUTRICEUTICALS</b> Imagilin Technology*  <b>RESEARCH PRODUCTS</b> Akonni Biosystems* BioAssay Works Bluepoint Bioscience Columbia Biosciences Charles River Laboratories* Denovo Biotechnology Envigo Express Genomics* Fibercell Systems* GM Biosciences Hydromax HypOxygen Imagilin Technology* Indivumed Leios Biomedical Research* Lifeline Cell Technology* Lonza Poochon Scientific Qiagen RoosterBio RuRo* SignaGen Laboratories* Syngene a Division of the Synoptics Group Thermo Fisher Scientific	Tonix Pharmaceuticals* XpressBio  <b>SELECT STARTUPS</b> Biological Mimetics* Biologics Resources CarrTech LLC DRI Biosciences HBVTech Psquare Scientific Theradaptive* Veralox Therapeutics*
<b>DIAGNOSTICS AND MEDTECH</b>		<b>LABORATORY AUTOMATION AND INSTRUMENT SERVICE</b>
Akonni Biosystems* Bioelectronics Corporation TOMI Environmental Solutions		Accuflow Systems Afab Lab Resources* BaneBio BridgePath Scientific DCM Bioservices* Microbiology International Thermo Fisher Scientific
<b>ACCREDITATION, TRAINING, PROFESSIONAL SERVICES &amp; CONSULTING</b>		<b>DRUGS, VACCINES &amp; BIOLOGICS</b>
American Association for Laboratory Accreditation Allied Technologies & Consulting Battelle Memorial Institute* Bio-Stat Solutions Cernomics Solutions* Charles River Laboratories* Clym Environmental Services, LLC		Astrazeneca* BioFactura* Immunoprobe* Jecho Laboratories Kite Pharma a Gilead Company Leidos Lonza Medigen* Royer Biomedical Theradaptive

## FREDERICK

