

# Frederick, Maryland's Bioscience Advantage

Home to Fort Detrick, the National Interagency Biodefense Campus and the Frederick National Laboratory for Cancer Research and private industry such as AstraZeneca, Lonza and Thermo Fisher Scientific

## Advantages

### **BUSINESS FRIENDLY ENVIRONMENT**

Frederick, the Northern anchor of the 270 Technology Corridor, is home to more than 80 bioscience companies conducting biopharmaceutical discovery, developing new devices, diagnostics and research tools, and breaking new ground in bioinformatics. Frederick has the second largest biosciences cluster in the state of Maryland. The bioscience industry enjoys Frederick's low tax structure, no business personal property tax, fast track permitting assistance and lower development costs.

### **RESEARCH HUB**

Frederick's location within the state of Maryland enables access to 1/3 of the U.S. population. Frederick is located within an hour of Washington DC and Baltimore, MD. Frederick is home to the research triangle of National Institutes of Health (NIH) in Bethesda, Johns Hopkins Hospital in Baltimore and the National Cancer Institute (NCI) in Frederick. This location offers direct access to federal government agencies, national and international associations and embassies to assist with international trade.

### **EXCELLENT TRANSPORTATION NETWORK**

Frederick boasts easy access to a comprehensive transportation network including highway, airport, rail and port resources. Three major airports are located an hour from Frederick: Baltimore-Washington Thurgood International, Ronald Reagan National, and Dulles International. Locally, Frederick Municipal Airport provides business and corporate air service and is the 2nd most active general aviation airport in the state.

### **SKILLED WORKFORCE AND EDUCATIONAL SYSTEM**

Frederick is home to a well-educated, highly skilled workforce. Frederick continues to receive national recognition for their public school system. Frederick is also recognized top quality higher education facilities including Mount St. Mary's University, Hood College, and Frederick Community College. Majors and Graduate Programs include: Biomedical Science, Environmental Biology, Chemistry and Biology and Pre-Med Studies.

## Recent New and Expanded Companies

### **Fort Detrick National Interagency Biodefense Campus**

New laboratories and office for Interagency Biodefense R&D  
\$1.3 billion in total capital investment  
Completion scheduled May 2015  
9,000 existing employees

### **Leidos, Inc (formerly SAIC)**

Frederick National Laboratory for Cancer Research  
330,000 SF of consolidated operations  
200 new jobs bringing total employment to 2,000+

### **AstraZeneca/Medimmune**

Manufacturing plant expansion announced Oct 2014  
\$200 million in capital investment  
300 new jobs bringing total employment to 895

### **Lonza Bioscience Walkersville, Inc**

Expansion of cell production and class A office space  
\$26 million in capital investment  
44,000 SF  
25 additional employees bringing total employment to 550

### **Thermo Fisher Scientific (formerly Life Technologies)**

Expansion of life sciences manufacturing distribution center  
\$5 million in capital investment  
13,400 SF  
100 new jobs

## Business Incubation

### **FREDERICK INNOVATIVE TECHNOLOGY CENTER, INC (FITCI)**

Start-up companies benefit from Frederick's incubator, a 17,000 SF facility serving up to 40 clients with 25 offices and 10 wetlabs. Companies receive use of common lab equipment including: autoclave, 80 degree freezer, centrifuge, vent-hood and RO water, icemaker capabilities.



### **FREDERICK COUNTY OFFICE OF ECONOMIC DEVELOPMENT**

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Follow us on Twitter @FredCoED

**Frederick County, MD is Open for Business.**

# Frederick, Maryland's Bioscience Advantage

## Bioscience Company Directory

- AFAB Lab [www.afablabequipment.com](http://www.afablabequipment.com)  
Akonni Biosystems, Inc\* [www.akonni.com](http://www.akonni.com)  
Alizee Pathology [www.alizeepathology.com](http://www.alizeepathology.com)  
AstraZeneca/Medimmune\* [www.astrazeneca.com](http://www.astrazeneca.com)  
Atlantic Biomass Conversions\* [www.atlanticbiomassconversions.com](http://www.atlanticbiomassconversions.com)  
BNBI\* [www.battelle.org](http://www.battelle.org)  
BioAssay Works [www.bioassayworks.com](http://www.bioassayworks.com)  
BioElectronics Corp [www.bioelectronicscorp.com](http://www.bioelectronicscorp.com)  
BioFactura [www.biofactura.com](http://www.biofactura.com)  
Biological Mimetics, Inc\* [www.bmi-md.com](http://www.bmi-md.com)  
BioProducts MD, LLC [www.bioproductsmd.com](http://www.bioproductsmd.com)  
Bio-Molecular Technology, Inc.\* [www.bmtinc.com](http://www.bmtinc.com)  
Bio-Stat Solutions, Inc [www.biostat-solutions.com](http://www.biostat-solutions.com)  
Bluepoint Bioscience [www.bluepointbioscience.com](http://www.bluepointbioscience.com)  
BridgePath Scientific [www.bridgepathscientific.com](http://www.bridgepathscientific.com)  
Cangene Plasma Resources\* [www.cangene.com](http://www.cangene.com)  
Cell Trends, Inc/Texcell-NA [www.celltrends.com](http://www.celltrends.com)  
Cernomics Solutions [www.cernomics.com](http://www.cernomics.com)  
Charles River Laboratories\* [www.criver.com](http://www.criver.com)  
Clinical Research Management, Inc\* [www.clinicalrm.com](http://www.clinicalrm.com)  
Columbia Biosciences [www.columbiabiosciences.com](http://www.columbiabiosciences.com)  
CynerGene [www.cyergene.com](http://www.cyergene.com)  
CSC-DynPort Vaccine Company, LLC\* [www.csc.com/dvc](http://www.csc.com/dvc)  
Denovo Biotechnology [www.denovobiotech.com](http://www.denovobiotech.com)  
EduQuest [www.eduquest.net](http://www.eduquest.net)  
Electron Microscopy Bioservices [www.embs-md.net](http://www.embs-md.net)  
Eminent Services Corporation [www.emiserv.com](http://www.emiserv.com)  
Empiristat [www.empiristat.com](http://www.empiristat.com)  
Express Biotech International [www.expressbiotech.com](http://www.expressbiotech.com)  
Express Genomics, Inc\* [www.express-genomics.com](http://www.express-genomics.com)  
FiberCell Systems, Inc\* [www.fibercellsystems.com](http://www.fibercellsystems.com)  
Fisher Bioservices [www.fisherbioservices.com](http://www.fisherbioservices.com)  
GM Biosciences [www.gmbiosciences.com](http://www.gmbiosciences.com)  
Harbogen n/a  
Harlan Laboratories [www.harlan.com](http://www.harlan.com)  
Hemacell Perfusion, Inc\* [www.lava-amp.com](http://www.lava-amp.com)  
Hi-Titer Tech, Inc\* n/a  
HRC BioTek, Inc n/a  
HydroMax [www.hydromax.net](http://www.hydromax.net)  
HypOxygen [www.hypoxygen.com](http://www.hypoxygen.com)  
Imaglin Technology, LLC\* [www.imaglin.com](http://www.imaglin.com)  
ImmunoProbe, Inc\* n/a  
ImQuest Biosciences [www.imquestbio.com](http://www.imquestbio.com)  
Individual Health Solutions n/a  
Innovative Biotech USA Ltd [www.innovativebiotechng.com](http://www.innovativebiotechng.com)  
Intracel Resources LLC\* [www.intracel.com](http://www.intracel.com)  
LavaAmp [www.lava-amp.com](http://www.lava-amp.com)  
Ledios, Inc\* [www.leidos.com](http://www.leidos.com)  
Life Technologies [www.lifetechnologies.com](http://www.lifetechnologies.com)  
KamTek [www.kamtekinc.com](http://www.kamtekinc.com)  
Kemp Bio, Inc [www.kempbio.com](http://www.kempbio.com)  
Lifeline Cell Technology [www.lifelinecelltech.com](http://www.lifelinecelltech.com)  
Lonza Bioscience Walkersville, Inc [www.lonza.com](http://www.lonza.com)  
Meridian BioGroup LLC [www.meridianbiogroup.com](http://www.meridianbiogroup.com)  
Medigen, Inc [www.medigen-usa.com](http://www.medigen-usa.com)  
Microbiology International [www.800ezmicro.com](http://www.800ezmicro.com)  
Midwest Research Institute\* [www.mriresearch.org](http://www.mriresearch.org)  
MRI Global, Center for Biological & Safety Research [www.mriglobal.org](http://www.mriglobal.org)  
Nanova, Inc n/a  
Pathology Associates International\* [www.criver.com](http://www.criver.com)  
Poochoon Scientific [www.poochoonscientific.com](http://www.poochoonscientific.com)  
Precision for Medicine\* [www.precisionformedicine.com](http://www.precisionformedicine.com)  
Prolias Technologies [www.proliastechnologies.com](http://www.proliastechnologies.com)  
RoosterBio [www.roosterbio.com](http://www.roosterbio.com)  
Royer Biomedical, Inc [www.royerbiomedical.com](http://www.royerbiomedical.com)  
Ruro\* [www.ruro.com](http://www.ruro.com)  
SA Biosciences, a Qiagen Company [www.sabiosciences.com](http://www.sabiosciences.com)  
SeraCare\* [www.seracare.com](http://www.seracare.com)  
Southern Research Institute [www.southernresearchinstitute.org](http://www.southernresearchinstitute.org)  
SriSai BioPharmaceutical Solutions\* [www.srisaibiopharma.com](http://www.srisaibiopharma.com)  
Steven Lane Consulting n/a  
Syngene [www.syngene.com](http://www.syngene.com)  
TALGEN Biotechnology [www.talgenbiotech.com](http://www.talgenbiotech.com)  
Tox Path Specialists\* n/a  
Trans-Type Diagnostics\* n/a  
U.S. Pharmacopeia [www.usp.org](http://www.usp.org)  
Valogic\* [www.valogic.us](http://www.valogic.us)  
Varniss [www.varniss.com](http://www.varniss.com)  
Veracity Biotechnology, LLC\* [www.veracitybiotech.com](http://www.veracitybiotech.com)  
Xpress Bio [www.xpressbio.com](http://www.xpressbio.com)

\*Denotes located in City of Frederick limits

### THE CITY OF FREDERICK DEPARTMENT OF ECONOMIC DEVELOPMENT

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