

BIOSCIENCES

The Greenville area continues to leverage its position - and location - within the biosciences industry. From extensive research to strategic university partnerships that have led to a top-ranking workforce*, Greenville offers a thriving foundation that you and your business can benefit from.

SELECT PHARMACEUTICAL COMPANIES



Contract Manufacturing

- **Patheon** – Process Development and Manufacturing of APIs
- **Ortec** – Polymer Technology, Medical Material, and Custom Chemical Synthesis
- **Pharmaceutical Associates** – Liquid Pharmaceuticals

Nutraceutical

- **Nutra** – Vitamins, Dietary Supplements, and Nutritional Therapy Products
- **IVC (formerly Perrigo)** – OTC and Prescription Pharmaceuticals, Nutritional Products, APIs, and Consumer Products

Other

- **Bausch & Lomb** – Soft Contact Lenses and Lens Care Products

SELECT MEDICAL DEVICE COMPANIES



- **Deltex Medical** – Medical Monitors
- **Glytec Systems** – Blood Glucose Level Management Systems
- **Henry Schein Inc.** – Medical Supplies
- **Jarden Plastic Solutions** – Catheters, Needles, and Insert Molding Cannulas
- **Rockwell Medical Technologies** – Hemodialysis Solutions, Powders, and Ancillary Products



\$1.5 BILLION

Approximate **export sales** as a result of SC's life sciences industry

-South Carolina,
 Department of Commerce

SELECT DIAGNOSTIC COMPANIES



- **Kiyatec** – Cancer Diagnostic Services
- **Accessible Diagnostics** – Glucose Test Strips



Case Study **KIYATEC®**

KIYATEC was founded in 2005 with a mission to renew life through advanced technology. When they began enabling 3D cell culture tools for the pharmaceutical, biomedical and life science industries, the founders looked to Clemson University's Research Foundation (CURF) and Department of Bioengineering to commercialize and develop their technology. As the company grew in size, so did their demand for new resources, and they found it in the SC Launch, which gave them the seed funding, development and Stage 2 capital they needed to be successful.

*Ranks fifth in a 2010 study by Battelle

MEDICAL STRENGTHS



Medical Device Cluster in Upstate South Carolina

- Almost 50 Medical Device companies represented in the region
- Aknowledged in a Battelle report as one of six emerging medium sized U.S. regions for the Medical Device industry

Medical Devices Supply Chain

- Raw Materials (Ortec, Inc.)
- Materials Synthesis Processing (Poly-Med, Inc.)
- Subcomponent Manufacturing (St. Jude Medical)
- Functional Device Manufacturing (Bausch & Lomb and CreatiVasc)
- Post-Manufacturing Processing (STERIS Isomedix Services)

PHARMACEUTICAL STRENGTHS



Nationally Ranked

- According to a Battelle/BIO State Bioscience Initiative study, Greenville ranked as one of the **Top 25 MSAs in the nation, based on overall employment levels within the drug and pharmaceutical field**

Large Drug and Pharmaceutical Workforce

- Greenville County houses over **34% of South Carolina's private employment** within the drug and pharmaceutical industry
- Within the Greenville MSA, **87% of the companies** located within Greenville County **take advantage of the county's skilled private workforce and partnerships with Clemson University**

Greenville Hospital System/Clemson University Biomedical Cooperative

- Advancing knowledge of the clinical and biomedical sciences



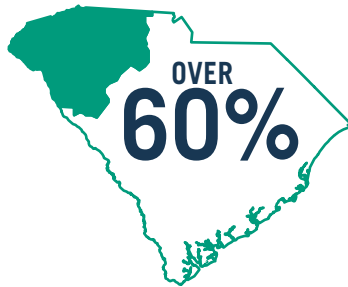
Ranked top 25 MSA's in the nation, based on overall employment levels within the drug and pharmaceutical field.

SPECIALIZED R&D



Clemson University Offers:

- Genetic research
- Biochemical research
- Specialized laboratories
- Bioengineering research
- Biomedical engineering innovation center
- Environmental toxicology
- Genomics institute
- Animal research center



Over 60% of the state's employment with the drug and pharmaceutical industry is located in the Upstate

TRAINING AVAILABLE



Greenville Technical College Associate in Science Degree with Biotechnology Concentration

TARGETED INCENTIVES



Life Sciences Act

Incentive program to offset expenses associated with a new or expanded life sciences facility investing a minimum of \$100 million in addition to other guidelines

NATURAL RESOURCES

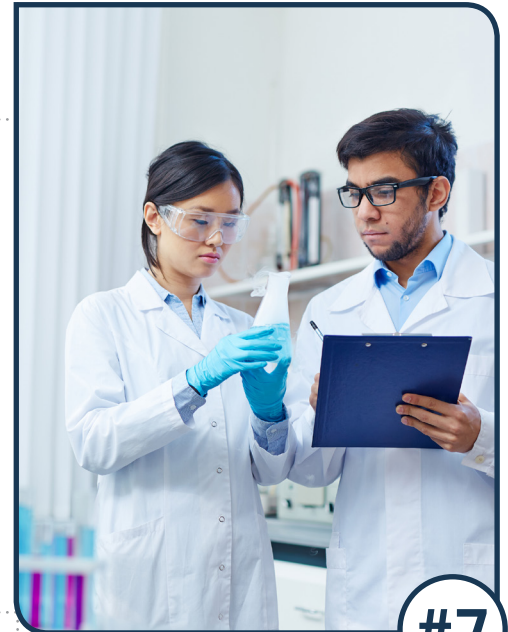


Greenville Water System - Largest and Purest Watershed in the U.S.



Greenville's private workforce was ranked as the **fifth-largest MSA to support the drug and pharmaceutical industry**, based on location quotient

Source: Battelle/BIO State Bioscience Initiatives study



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South Carolina Ranks in Bioscience share of total Science & Engineering R&D

Source: TEconomy/BIO - The Value of Bioscience Innovation in Growing Jobs and Improving Quality of Life 2016



30% EMPLOYMENT GROWTH in the life sciences industry from 2001 - 2010

- South Carolina, Department of Commerce

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