

# Genzyme Corporation Biologics Support Center

Framingham, Massachusetts

**Owner**

Genzyme, A Sanofi Company

**Architect**

ARC/Architectural Resources  
Cambridge

**Contractor**

Gilbane

**Completion Date**

2011

**Construction Cost**

\$125 million

**Total Area**

186,000 sf

**LEED Certification Level**

NC Gold

**Services Provided**

LEED Consulting  
Energy Modeling



Image courtesy of John Horner, John Horner Photography

Genzyme Corporation created a master plan for its Framingham corporate campus expansion. The campus serves as an early-stage research facility using technology in proteins, antibodies, cell therapy and gene therapy to work on cures for diseases, cancers and heart disease. The addition is an administrative and laboratory building accommodating space for approximately 550 employees. Fore Solutions, acquired by Thornton Tomasetti in 2012, was the LEED consultant to ARC/Architectural Resources Cambridge.

The new building's green technologies and designs are part of the U.S. Environmental Protection Agency's Labs21 program. The laboratory facility employs innovative techniques such as re-using HVAC condensate for irrigation and using chilled beams for cooling. Ventilation systems in the labs are monitored to reduce the air changes per hour when the space is unoccupied. The design maximizes the use of natural light to reduce energy cost. The center is designed to use 43 percent less water and 28 percent less energy than a standard code compliant building.