

**CV Therapeutics
Vivarium Expansion**



Owner: *CVT* | CV Therapeutics®

Completion Date: 11-7-06

CTC Design's Role

Design

Project Description

CV Therapeutic was acquired by Gilead in 2009. The scope of the project entailed adding a vivarium included two surgery suites & experimentation rooms equipped with bio hazard fume hoods.

Team Leader Comment

The lab was designed for 100% outside air as a one pass through system. The air handling unit serving the space was equipment with preheat, chilled water and reheat coils along with pre-filters and 85% bag filters. The design included a dedicated exhaust system for the lab. Relative room pressurization gradient was very critical part of the design. Constant volume zone dampers were provided part of the design on both the supply and the exhaust air.

Project References:

References available upon request.