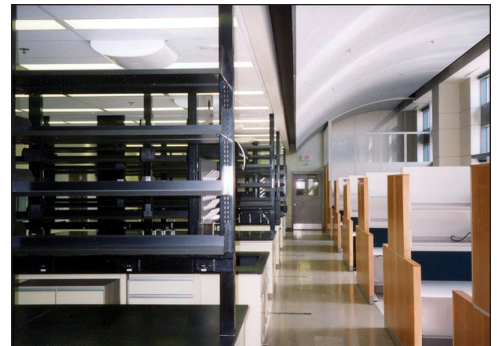


National Institutes of Health - Building 50

Bethesda, Maryland



Bell provided general construction for this state-of-the-art consolidated laboratory building. The 300,000-square-foot building features a multi-use conference room on the ground floor, as well as laboratories, support spaces, work stations and office space for scientists performing structural and cell biology research in allergy and infectious diseases; the heart, blood and lung; diabetes, digestive and kidney; the human genome and arthritis, musculo-skeletal and skin diseases.

This challenging project also called for several specialized areas, including an animal vivarium with Biological Level 3 (BL-3) and Quarantine Isolation suites, a Nuclear Magnetic Resonating Lab that will house the world's most powerful NMR, a cryogenic Electron Microscope suite.

The building's design features an interstitial mechanical concept that provides a walk on ceiling above the labs that contains all of the mechanical and electrical services. Mechanical and electrical tradesmen were able to install systems on this interstitial level while carpenters worked on room finishes below, greatly speeding up the construction process.

Bell also installed a 1,825-kw generator designed to meet the demanding power needs of the facility's sophisticated laboratories.

ClientNational Institutes of Health

OwnerNational Institutes of Health

Contract Value \$83 million

Contract Type..... Firm Fixed Price

*Architect/Engineer Hansen-Lind-Meyer
Architects, Inc.*

*Engineers Ross-Murphy-
Finkelstein*