



Client Medical Research Council – Laboratory of Molecular

Nature of client business

The Laboratory of Molecular Biology is responsible for many pioneering techniques, such as methods for determining the three-dimensional structures of proteins and other macromolecules, the sequencing of DNA and the development of monoclonal antibodies.

Their scientists tackle difficult, long-term research problems whilst at the same time they are encouraged to exploit their discoveries – through patents, licensing and business start-ups – helping to advance medical research and improve the UK's economic competitiveness.

Project Location

Cambridge Biomedical Campus, Cambridge

Scope of job

To design, supply & install cold rooms.

What the project entailed

Adcock were contracted to design & install multiple temperature controlled rooms for research purposes.

The rooms were designed to operate with close temperature control to achieve +4degC & -20degC.

Each room was provided with two refrigeration systems with independent control systems to provide N+1 resiliency.

A stand-alone Trend BMS system was provided for monitoring & recording functionality, with interface to the site main BMS system.

Job Value: £975k

What we brought to the job

MRC is an existing customer of Adcock. Our experience of bespoke system design, installation, commissioning & project management enabled us to complete the work to the highest standards and competency for these critical environments.

Equipment installed

Searle low noise coolers, inverter controlled compressors, Danfoss Adap-Kool energy efficient control system, Oxygen depletion gas detection system, Trend BMS system with touch screen interface.

