

IDRM Building

The IDRM Building is a specialist, world-leading institute of Development & Regenerative medicine research building and ancillary plant/ support building.

Situated in Oxford University's Old Road Campus, the project provides 6000 sq metres of floor space with laboratories, offices and shared facilities. The IDRM building forms a gateway between the Campus and the suburb of Headington.

The IDRM will bring together 200+ world leading researchers with cardiovascular, neuroscience and immunological expertise the most pressing scientific and clinical problems in developmental biology and regenerative medicine.

Project Highlights

The building includes open plan laboratories and office space for three themes / departments as follows: Cardiovascular, Neuroscience, Immunology. The above departments are split evenly on each floor, which will facilities including seminar rooms, imaging facilities, tissue culture which includes O2 and CO2 gas distribution, 2 no. centrally located autoclaves, coffee lounge spaces, tea-points located on each floor, administration support staff offices, meeting rooms, liquid nitrogen for central cell storage, 5 no. -80oC freezers, specialist walk-in cold rooms and breakout spaces.

- The building can accommodate 200 - 220 scientists plus support staff split between 15 research groups
- MEP services include public health services, LTHW & CHW installation, ventilation, sprinkler, gas suppression, BMS controls, steam generation, gas fired boiler and hot water installation, underfloor heating, smoke extract, air conditioning, fume cupboards and specialist fume extraction, lab gas and gas detection, liquid nitrogen, HV and LV switchgear, standby generator, PV, general and emergency lighting, external lighting, PA and induction loops, data, security systems, fire alarm and lightning protection.
- One of the main challenges was the extensive testing and commissioning regimes with the amount of highly complex MEP systems.

Key Facts

Client
University of Oxford

Main Contractor
McLaughlin & Harvey

Architect
SRA Architects

Consultant
Hoare Lea

Services
Mechanical & Electrical

Duration
12 months

Value
£8,400,000

Location
Oxford England

