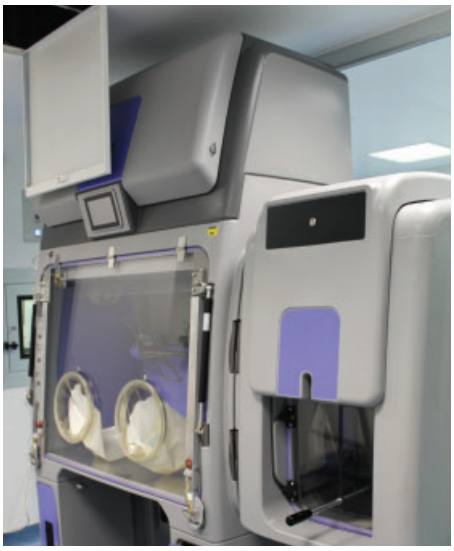
RFH - Cell Therapy Laboratories

Healthcare / Laboratory Refurbishment

Key Features:

- Highly specialist research laboratory refurbishment
- Multi-phased to provide use of new facilities
- Delivered within an operational Hospital

The Cellular Therapeutics unit was a highly specialist research facility in urgent need of increased capacity. We undertook the extension and refurbishment of the space in order to provide additional specialist facilities to the Trust.



Featuring a very high specification, the new laboratories now showcase leading world class facilities where exemplary design, high specification and faultless installation culminate in an impeccable finish.

Multi-phased for use of new facilities

Phase 1 provided new stage one gowning area, product storage and cell processing laboratories without disruption to the existing services.

Phase 2 provided a new steel framed building on the ground floor of an enclosed four storey light well. Due to the location of this new facility, we were not able to utilise a crane, therefore demolition was undertaken manually and materials and plant were all annually handled into place throughout.

This new building was designed to house new Cat B research laboratories, built to the client's unique specification.

Phase 2 required the installation of sophisticated air handling units linked to a complex mechanical and electrical design. Units were mounted underneath the concrete ceiling, connected to the roof top plant room, before this area was sealed and the five individual laboratories were formed.

Phase 3 saw the final consolidation of the unit with the inclusion of the capacity of producing genetically modified cells. The production facility now offers reduced operating costs while facilitating retention of UK operating licences.

Client:	Royal Free London NHS Foundation Trust
Project Value:	£1,600,000
Programme Duration:	36 weeks
Architect:	AHP Architects
Quantity Surveyor:	WT Partnership