



**Liverpool Clinical Laboratories
Directorate of Infection and Immunity**

CONSULTANT CLINICAL IMMUNOLOGIST

Post Title: Consultant Immunologist

Based at: Department of Immunology
Liverpool University Foundation Hospitals Trust

Programmed Activities: 10 per week

While this is a 10 PA job plan, any applicant who is unable, for personal reasons, to work full-time will be eligible to be considered for the post. If such a person is appointed, modification of the job content will be discussed on a personal basis with the trust.

Terms of Post

This post is a replacement of a retired Consultant Immunologist. The new consultant will work closely with the other current consultant (Dr H. Alachkar).

The appointee would be encouraged to develop any sub-specialty interests (e.g. autoimmunity, vasculitis, etc.) which complement those already provided in the department (i.e. primary immunodeficiency and allergy). Although this is not an academic post, research interests will be encouraged.

Applicants:

- must hold full and specialist registration (with a current license to practise) with the General Medical Council (GMC), or be eligible for registration within six months of interview;
- who are UK trained, must also be a holder of a certificate of completion of training (CCT), or be within six months of award of CCT by date of interview;
- who are non-UK trained, will be required to show evidence of equivalence to the UK CCT;
- must possess both the FRCPATH in immunology and MRCP (UK) (or equivalent respective qualifications, and/or demonstrated training and experience);
- must meet the essential person specification;
- must provide three satisfactory references.

Any applicant who is unable for personal reasons to work full-time will be eligible to be considered for the post. If such a person is appointed, modification of the job content will be discussed on a personal basis with the Trust in consultation with consultant colleagues.

The content of this job description represents an outline of the post only and is, therefore, not a precise indication of duties and responsibilities. The job description is, therefore, intended to be flexible and will be subject to review and amendment in the light of changing circumstances, following consultation with the post holder.

The appointment is subject to satisfactory health clearance and clearance by the Disclosure and Barring Service (DBS).

General Information

Liverpool is one of the UK's leading centres for learning, culture, entertainment, sport and endeavour. Liverpool was awarded European Capital of Culture in 2008. Located in England's North West, Liverpool is easy to get to and is well served by air, rail, coach, sea and road. There are a number of private and public golf courses and sports clubs. Being a fairly compact city, there is easy access to the surrounding countryside. North Wales, the Lake District, the Peak District, and the cities of Manchester and Chester are within easy reach of Liverpool. Liverpool also has a number of very good schools and a wide choice of housing, varying from Georgian elegance to modern.

LUHFT

Liverpool University Hospitals NHS Foundation Trust was created on 1 October 2019, following the merger of two adult acute Trusts, Aintree University Hospital NHS Foundation Trust and the Royal Liverpool and Broadgreen University Hospitals NHS Trust. The merger provides an opportunity to reconfigure services in a way that provides the best healthcare services to the city and improves the quality of care and health outcomes.

The Trust runs Aintree University Hospital, the Royal Liverpool University Hospital, Broadgreen Hospital, and Liverpool University Dental Hospital. It serves a core population of around 630,000 people across Merseyside, as well as providing a range of highly specialist services to a catchment area of more than two million people in the North West region and beyond.

The Trust provides general hospital services and emergency care to the local community including a full range of medical, surgical, diagnostic, rehabilitation and therapy services. These include several nationally and internationally recognised services such as infectious diseases and tropical medicine, ophthalmology, hepatobiliary surgery, gastroenterology and pathology, and regional centres of excellence include nephrology, renal transplantation, cancer surgery, vascular surgery, nuclear medicine, haematology (including a bone marrow transplant unit), lithotripsy, dermatology and dental services. These specialist services are provided to people across the North West of England. The clinical academic departments of the faculty of medicine are on the same site as the main hospital.

LUHFT is one of the top teaching Trusts in the country with well-established links to both the University of Liverpool and John Moores University. Each year it provides a large number of placements for student doctors, dentists, nurses and allied health professions, who benefit from the expertise and experience of some of the most skilled clinicians in the country.

Other local health organisations / NHS Trusts

These include:

The Liverpool Heart and Chest Hospital NHS Foundation Trust (LHCH), Liverpool Women's Hospital (LWH), and Walton neurology and neurosurgery centre NHS Trust

Mersey Care Trust

Liverpool CCG and Liverpool Community Health NHS Trust (LCH)

Liverpool Clinical Laboratories LCL

LCL is the largest provider of pathology services in the Northwest.

Our vision is to pioneer new technologies and ways of working that better inform decisions about a person's health, by providing greater accessibility to clinical diagnostic services. We employ over 650 staff across four locations, 24 hours a day and process in excess of 15 million tests each year.

Our mission is to be world leaders in research and innovation and we continually improve services for patients by investing in new insight and techniques.

Clinical Immunology

The immunology department provides regional laboratory and clinical services to Cheshire and Merseyside.

The laboratory work we do is clinically led and cutting edge, making us a regional reference centre for many specialist investigations. The clinical immunology department provides a comprehensive range of clinically relevant tests for the investigation and management of autoimmune disease, immunodeficiency, allergy and HIV. The workload for clinical immunology for 2022/23 is over 190,000 samples. The department is always in the process of reviewing new technologies and plans to implement further automation. The department is fully accredited by UKAS.

The Clinical Immunology and Allergy department is based at the Broadgreen Hospital (BGH), one of the Liverpool University Hospitals Foundation NHS Trust.

The Clinical Immunology and Allergy department is part of the Dermatology and Clinical Immunology & Allergy Directorate, under the division of Medicine at BGH.

The Department of Clinical Immunology and Allergy in Liverpool offers a comprehensive clinical immunology and Allergy services to patients from Liverpool, Merseyside, Wirral, Cheshire and North Wales.

In allergy, there are >1,500 referrals/year and >900 new patients seen with > 5% increase in referrals per year, recently. Guidelines for referrals and management of routine allergic conditions are available on the hospital website and all referrals are actively triaged.

Outpatient clinic facilities are situated in the Alexandra Wing at the Broadgreen site. The immunology / allergy clinic has its own waiting area, four consulting rooms and a treatment room for the administration of sub-cutaneous Immunotherapy (over 100 patients, with 1,000 out-patient attendances/year), and food and drug challenges. There is a close association with the dermatology department on that site, and the dermatology day ward admits day care patients for omalizumab treatment of chronic urticaria. There is a monthly anaesthetic allergy clinic run in conjunction with a consultant anaesthetist.

The department currently looks after about 200 patients with immunodeficiency disorders, of these, almost 90 patients with antibody deficiency on Immunoglobulin replacement therapy and about 40 patients with hereditary angioedema (C1 esterase inhibitor deficiency). Immunoglobulin replacement therapy is commenced on ward 10 at BGH. Following that, the nurses run a training programme for self-administration of subcutaneous immunoglobulin infusion.

The combined immunology and allergy clinical team currently consists of two consultants (one of them is this post, the retired consultant is working part time now), a GP with interest in Allergy, Nurse consultant (band 8b), two immunology specialist nurses (band 7), one allergy specialist nurse (band 7) and two clinic nurses (band 5).

Duties of post

CLINICAL DUTIES:

The post holder will:

- participate in, and have a role in maintaining and developing allergy and immunology services, management and triage of the services and participation in the development of the clinical services for accreditation;
- conduct weekly clinics for the investigation and management of immunodeficiency and allergy in adults;
- supervise and manage the long-term treatment of patients with primary immune deficiency and allergy;
- supervise immunoglobulin replacement therapy, allergen immunotherapy, and challenge/provocation testing;
- advise on the care of in-patients, in consultation with colleagues from other specialties;
- contribute to the updating of clinical guidelines and protocols.

LABORATORY DUTIES:

Senior laboratory staff include a laboratory service manager, operational manager and a clinical scientist. The post holder will share the responsibility for providing a consultant-led diagnostic immunopathology service and, as such, will:

- contribute to the day-to-day running of the laboratory, participating in demand management, quality assurance, clinical governance, audit, research and development, and processes relevant to the maintenance of ISO 15189 accreditation;

- liaise with the clinical scientist, consultant immunologist colleague and BMS staff in relation to the scientific and clinical validation of pathology reports and the provision of the immunopathology service;
- provide clinical interpretive advice and related liaison to requesting clinicians.

Additionally, consultants are expected to maintain continuing medical education and CPD adequate to the requirements for GMC revalidation, to participate in clinical audit, clinical governance, relevant quality assurance schemes and proficiency testing, appraisal, job plan review and revalidation. The trust supports the concepts of CPD, clinical audit and quality assurance, and encourages all consultants to participate in these activities by providing time and resources. Consultants are also required to complete the Trust mandatory training.

A specimen job plan is shown below. Of the total, 3.0 PAs are envisaged to be allocated to allergy, however flexible working between the appointee and the existing consultant immunologist might lead, in practice, to each seeing a different proportion of PID / allergy patients, depending on individual interests and experience.

There is no mandatory out-of-hours work.

Colleague cross-cover for annual, professional and study leave is expected.

Mon	9-13	PID clinic (including nurse supervision)	1	C
	13-17	Allergy clinic (including nurse supervision)	1	C
Tues	9-13	Lab. clinical validation, result sign-out	1	C
	13-17	Patient admin (letter sign out, triage, clinical liaison and advice, continuing OPD care)	1	C
Wed	9-13	Lab. clinical validation, result sign-out	0.5	C
		CPD/ Audit/ mandatory training	0.5	S
	13-17	Patient admin (letter sign out, triage, clinical liaison and advice, continuing OPD care)	1	C
Thu	9-13	Allergy clinic (including nurse supervision)	1	C
	13-17	Allergy clinic (including nurse supervision)	1	C
Fri	9-13	R&D, Audit, Teaching, CPD	1	S
	13-17	Lab. clinical validation, result sign-out (peer review with consultant colleague / clinical scientist)	0.5	C
	13-17	Immunology team meeting	0.5	S

Office Accommodation and Secretarial Support

The appointee will have use of office space and will have computing facilities with connection to the internet and hospital intranet. There is secretarial support for the consultant group across the directorate.

Values and Behaviours

We are Caring

We treat people equitably and value their different experiences.

We know we are doing this when:

- We value everyone for their unique contribution to our Trust whatever their diverse backgrounds
- We are kind, always showing compassion
- We praise good effort and good results, always showing appreciation

We are Fair

We are good role models (to each other and the public we serve), being accountable for what we do and how we behave.

We know we are doing this when:

- We are confident in presenting new ideas – we speak up and we support our colleagues to do the same, particularly those colleagues from diverse backgrounds
- We are open and honest
- We learn from mistakes, aiming to get things right first time, exploring new ideas when we can

We Are Innovative

We work as one team to deliver, improve and transform care through continuous improvement.

We know we are doing this when:

- We are professional, always seeking to do the right thing
- We create and share knowledge with patients, each other and our professional communities
- We continuously strive to make things better and to pioneer new ways of doing things

Person specification

Category	Essential	Desirable
<p>QUALIFICATIONS AND EXPERIENCE</p>	<ul style="list-style-type: none"> • Full GMC registration with a license to practise (or be eligible for registration within six months of interview). • Applicants that are UK trained, must also be a holder of a certificate of completion of training (CCT), or be within six months of award of CCT by date of interview. • Applicants that are non-UK trained, will be required to show evidence of equivalence to the UK CCT. • FRCPath or equivalent. • MRCP or equivalent. • Experience in the diagnosis and management of patients with immunodeficiency and allergic disease, consistent with independent practice at consultant level. • Experience in supervision of immunology laboratory diagnostic services and the associated quality control and accreditation structures. 	<ul style="list-style-type: none"> • Evidence of academic excellence in Clinical Immunology – MSc / MD / PhD
<p>TEACHING, AUDIT AND GOVERNANCE</p>	<ul style="list-style-type: none"> • Interest in postgraduate and undergraduate teaching. • Evidence of participation in clinical audit and understanding role of audit in improving medical practice. • Understanding of clinical risk management and clinical governance. 	<ul style="list-style-type: none"> • Previous teaching experience.
<p>RESEARCH</p>	<ul style="list-style-type: none"> • Interest in pursuing collaborative / individual research. 	<ul style="list-style-type: none"> • Research / peer-reviewed publications in immunology.

MANAGEMENT	<ul style="list-style-type: none"> • Commitment to participating in and understanding of the management process, and to demonstrating clinical leadership. 	<ul style="list-style-type: none"> • Evidence of management training • Previous involvement in service development
GENERAL ABILITIES	<ul style="list-style-type: none"> • Commitment to team approach and multi- disciplinary working • Communication skills 	

The Royal College of Pathologists advises that applicants who are specialist registrars not yet on the GMC specialist register must have obtained the FRCPath by examination in order to be eligible for shortlisting for a consultant-grade post. It also advises that suitable signed documentary evidence must be provided by such applicants to confirm that they are, at the date of interview, within six months of being included on the specialist register. The documentary evidence should be:

- an ARCP outcome 6 (recommendation for completion of training) OR a letter from the postgraduate dean specifying the date for completion of training;
AND
- a letter from the Royal College of Pathologists confirming that the applicant has fully passed the FRCPath part 2 examination.

For further information please contact:

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