

JOB DESCRIPTION

Post Title: Senior Clinical Fellow in Haematology

Base: Manchester Royal Infirmary

Sessions: 40 Hours per week

Candidates that are non-GMC registered at the point of application will be considered for this position, under the Trusts International Fellowship Scheme (please note, there is a £500 admin charge for this scheme). More information re this scheme can be found on our website - <https://mft.nhs.uk/careers/roles/doctors-consultants-dentists/manchester-international-fellowship-scheme/>

Any candidate 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. Job-sharing would also be considered.

Term of Post: 12 Months in the first instance

Name of supervising Consultants: Dr Martin Scott

1. THE TRUST

Manchester University NHS Foundation Trust (MFT) is a major teaching Trust with eight hospitals, five of which are based on the Oxford Road corridor adjacent to the University of Manchester:

- Manchester Royal Infirmary (MRI)
- Manchester Royal Eye Hospital (MREH)
- St. Mary's Hospital (SMH)
- Royal Manchester Children's Hospital (RMCH)
- University Dental Hospital of Manchester
- Trafford Hospitals (Trafford General Hospital and Altrincham Hospital)
- Wythenshawe Hospital, based in South Manchester
- North Manchester General Hospital

The Trust completed a major re-building programme in 2009, which has provided new facilities for surgery and medicine, obstetrics/gynaecology, ophthalmology and children's services, all which are based in specialist hospitals on the Central Manchester site.

The bed complement of 686 caters for acute surgical and medical services to the primary population served by the Trust and in addition the Trust houses regional services in cardiothoracic surgery, nephrology and renal transplantation and neurology. St Mary's Hospital, on the same site has 224 beds for regional genetics, obstetrics and gynaecology.

The site now consists of four distinct hospitals combined in one facility namely Manchester Royal Infirmary, St Mary's Hospital, Manchester Royal Eye Hospital and the Royal Manchester Children's Hospital. Trafford General Hospital also forms part of the Trust and is approximately 5 miles to the west with Altrincham Hospital around 10 miles to the south.

Manchester Royal Infirmary is a major teaching hospital. It is situated immediately adjacent to the campus of Manchester Medical School and University of Manchester. Manchester Metropolitan University is also in close vicinity. It covers a very wide range of supra-regional, regional and district specialities, including nephrology, renal and pancreas transplantation, clinical haematology, cardiology and cardiothoracic surgery. Saint Mary's Hospital, on the same site, has beds for regional genetics and regional obstetrics and gynaecology. Manchester Royal Eye Hospital is the largest eye hospital in the UK, outside London. Royal Manchester Children's Hospital is the largest children's hospital in Europe.

As the leading provider of tertiary and specialist healthcare services in Manchester, the Trust treats more than a million patients every year. The five specialist hospitals are home to hundreds of world class clinicians and academic staff, committed to providing our patients with the best care and treatments.

MFT aims within the next 5 years to be one of the top 5 NHS Trusts for research and innovation in the U.K. We have a number of important assets to help us achieve this ambitious goal. We are co-located with the University of Manchester to create the largest biomedical research campus in Europe. The Wellcome Trust Clinical Research Facility (WTCRF), purpose built for experimental medicine research and incorporating an MRI research scanner suite, is one of only 4 in the UK with both adult and paediatric facilities. The Centre for Applied Diagnostics and Experimental Therapeutics, a multimillion pound new development uniquely designed and built within the hospital to enable application of proteomics, metabolomics and genomics to experimental medicine. A Biobanking facility, now collecting a range of well phenotyped human tissues for research within MFT and across the Manchester Academic Health Science Centre, (MAHSC). Our clinical research and innovation benefits from established partnerships with: TrusTECH, the NHS Innovation Hub in the Northwest and MIMIT (Manchester Integrating Medicine and Innovative Technology), providing solutions to unmet clinical need. Manchester Medical Technologies Development Centre, designed to accelerate the development of new devices and diagnostics. Other assets include the Greater Manchester Comprehensive Local Research Network, Medicines for Children Research Network and ICON Development Solutions. These, coupled with a network of Clinical Division Research Leads and Research Managers enables research throughout the organisation, and a system of internal pump priming grants, provides a first class environment for translational research in a hospital setting.

Trafford General Hospital is a former District General Hospital serving a population of approximately 200,000 to the south and west of Manchester. Trafford Hospitals became part of Central Manchester University Hospitals NHS Foundation Trust in April 2013 and since that time has undergone major service reconfiguration. The hospital now provides an urgent care centre open from 8.00 am to midnight together with approximately 250 inpatient beds. The hospital has become a major orthopaedic centre with incorporation of orthopaedic departments from both the Central site and Hope Hospital. There is an extensive range of outpatient and day case facilities and 4 wards for medical and rehabilitation patients.

Organisational Structure

For organisational purposes, the department sits within the Directorate of Clinical Haematology which in turn is part of the Clinical Service Unit of In-patient Medical Specialties. There is a separate Paediatric Haematology service based at the Royal Manchester Children's Hospital with regular transition clinics.

The key departmental leads are: -

- Dr Fiona Dignan, Clinical Lead & Consultant Haematologist
 - Mr Chris George, Directorate Manager
 - Ms Lucy Farrall, Matron
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There are regular Consultant and Departmental meetings held for the open discussion of issues affecting Clinical Haematology and to plan for development of services.

2. THE DEPARTMENT

The Department of Clinical Haematology provides a regional tertiary referral service for haematological malignancy, stem cell transplantation (autologous and allogeneic including sibling, unrelated donor, cord blood and haploidentical transplantation) and cellular therapy (CAR-T), thrombosis, haemostasis and haemoglobinopathies. In addition, it provides general clinical haematology services for the local population of Central Manchester. This service is provided by seven consultants with an interest in malignant haematology, four consultants with an interest in Thrombosis and Haemostasis, two consultants with an interest in Haemoglobinopathy/General Haematology, one Consultant with an interest in Blood Transfusion and two consultants with an interest in general and malignant haematology based at Trafford General Hospital. Although there is a high level of sub-specialisation within the department, the unit is nevertheless very cohesive and collaborates closely on all levels.

The in-patient base at MRI is Ward 44. This facility has dedicated Haematology beds, 10 of which are fitted with HEPA filtration. Blood transfusion and apheresis procedures are provided in the Haematology Day Unit which is immediately adjacent to, and inter linked with, Ward 44. A separate Day unit has recently opened for all other day case work.

Children requiring specialist haematological care are currently referred to the Royal Manchester Children's Hospital. The department is supported by newly built laboratories supporting a full range of specialist diagnostic services.

Medical staff

Consultant Team – Haematology

Consultant	Specialism
Dr Fiona Dignan	Consultant Haematologist / Clinical Lead for Haematology. Special interest: Chronic Myeloid Leukaemia, acute leukaemia, stem cell transplantation, Graft-versus-Host disease and Late effects of transplantation
Dr Eleni Tholouli	Consultant Haematologist / Head of Stem Cell Transplant programme. Special interest: Acute Leukaemia and stem cell transplant
Dr Shahid Iqbal (Locum)	Consultant Haematologist with specialist interest in stem cell transplantation.
Dr Salim Rahuman (Locum)	Consultant Haematologist with specialist interest in stem cell transplantation.
Dr Jane Norman	Consultant Haematologist Lead for Lymphoma and lymphoproliferative disease
Dr Sarah Burns	Consultant Haematologist with an interest in general haematology and lymphoma
Dr Rachel Brown	Consultant Haematologist (Trafford General Hospital and MRI) with an interest in general haematology and myeloproliferative disorders
Dr Philip Crea	Consultant Haematologist with a special interest in Myeloma
Professor Charles Hay	Consultant Haematologist with a special interest in Haemostasis and Thrombosis and Chair of UKHCDO
Dr Mike Nash	Consultant Haematologist with a special interest in Haemostasis and Thrombosis. Anticoagulation lead
Dr Jecko Thachil	Consultant Haematologist with a special interest in Haemostasis and

	Thrombosis
Dr Martin Scott	Consultant Haematologist with a special interest in haemostasis and Thrombosis
Dr Caroline Wall (Locum)	Consultant Haematologist with a special interest in haemostasis and Thrombosis
Dr Joe Sharif	Consultant Haematologist with an interest in haemoglobinopathy
Dr Nandini Sadasivam	Consultant Haematologist with an interest in haemoglobinopathy

Junior Medical Staff

- 2 Speciality Dr (one at TGH)
- 5 Speciality Trainees 3-7 in Haematology (NW rotation)
- 1 SCT/CAR-T clinical fellows
- 5 Clinical fellows
- 2 Core Medical Trainees 1/ 2

Specialist Nurses

- 4.0 WTE Advanced Nurse Practitioners (2 trainee)
- 2.6 WTE Macmillan Specialist Cancer Nurse
- 1.0 WTE Bone Marrow Transplant Nurse Specialist
- 2.0 WTE Bone marrow Transplant Coordinators
- 3.7 WTE Haemophilia Nurse Specialists
- 2.5 WTE Anticoagulant Nurse Specialists
- 3.0 WTE Transfusion Nurse Specialists
- 1.0 WTE Haemoglobinopathy Nurse Specialist

Other Staff

- Dedicated Pharmacist and support team
- Dietician
- Psychotherapist
- Physiotherapist/Occupational Therapist

Research and Clinical Trials Staff (Oncology)

Trust funded

- 1 WTE Band 7 Clinical Quality Manager (JACIE and cancer standards)
- 1 WTE Clinical trials administrator Band 3

Network funded

- 1.8 WTE Trials nurse Band 7
- 1 Clinical trials administrator Band 4

3. THE POST

The primary duties of the post include the management of haematology patients within both the inpatient and outpatient setting. This would be an excellent opportunity for a doctor at IMT2 level to gain clinical and practical experience in haematology, prior to application for specialist training in haematology. Equally, doctors with prior experience in haematology looking for a longer-term role at a middle-grade level or considering future CESR application, will be well suited to this role.

KEY DUTIES AND RESPONSIBILITIES

- The post holder will share the duties of the haematology department with the other clinical fellows, transplant fellow and speciality doctor.
- This will include ward work, day unit reviews, and attendance at clinics for all the sub-specialities including transplant, lymphoma, myeloma, haemostasis and thrombosis, general and haemaglobinopathy. This will be rotational with doctors rotating every 3-6 months.
- The appointee will have opportunity to attend MDTs and educational meetings.
- The appointee will actively participate in clinics.
- There will also be opportunity to improve morphology and laboratory skills.
- The appointee is expected to take part in the middle-grade on-call rota which will include weekend working.

Haematological Oncology Service at Manchester Royal Infirmary

Referral patterns and relationship to Cancer Networks

The department provides a comprehensive secondary and tertiary referral service for Haemato-oncology in the North West of England (excluding Merseyside), which has a catchment population of about 4.6million. This includes a bone marrow /stem cell transplant service, which with the Christie Hospital, conducts all autologous and allogeneic bone marrow /stem cell transplants in adults for the region. The latter is now divided into 2 cancer networks, namely the Greater Manchester and Cheshire (GMCCN), (population ~3.1 million) and Cumbria and North Lancs (population ~ 1.5 million). Due to a lack of level 2 services (i.e. chemotherapy for acute leukaemia) in many hospitals in the network, the MRI is a tertiary referral centre and has become a major transplant centre for allografts, including unrelated donor within the region.

In the Haematological Cancer Action Plan, the GMCCN has been divided into 4 sectors for multidisciplinary team (MDT) configurations. Central Manchester belongs to the SW sector which includes Tameside and the MDT is based at the MRI.

As a BCSH level 4 Centre, the department provides a tertiary referral service for the management of acute leukaemia and stem cell transplantation. There is an active stem cell transplantation programme for autologous and allogeneic (related, unrelated, cord blood and haplo-identical donor) transplants. The unit is JACIE accredited for transplantation and cellular therapy. The unit has seen a rapid increase in its transplant activity over the last 4 years and carries out about 140 transplants per year the majority of which will be allogeneic. Transplant coordination is provided by two dedicated members of nursing staff, one Speciality Doctor and a Transplant Fellow (post CCT). The transplant service is also supported by the onsite dialysis unit, HDU/ITU as well as a broad variety of general and specialised medical and surgical services. Radiotherapy is provided at the nearby Christie Hospital. There are close links with the paediatric transplant unit since their relocation into Central Manchester.

There is a single Trust Stem Cell Laboratory providing services to both children and adults. The Clinical service and laboratories acquired JACIE and HTA accreditation following inspection in spring 2011.

All patients with haematological malignancies are reviewed in MDT meetings and, where possible, offered entry into NCRI-badged trials. The support infrastructure includes a research Data manager and two Clinical Trials officers.

There are four clinics a week for malignant haematology (leukaemia and post SCT follow up), two clinics per week for myeloma and lymphoma and a fortnightly CML clinic. There is a weekly MDT meeting. Radiotherapy services are provided at the nearby Christie Hospital.

Laboratory Haematology

The Laboratory Haematology Department also provides a comprehensive laboratory haematology service for Central Manchester and Manchester Children's University Hospitals NHS Trust and the surrounding regions. The laboratory service includes all the sub-departments required to serve such a high level comprehensive clinical service. There is a well-equipped laboratory sited in the recently built CSB 2 and CSB 3 buildings accommodating the Automation Laboratory, Blood Bank and red cell laboratories. Cell biology, Haemophilia, Molecular Oncology and Haemoglobinopathy Laboratories are adjacent. The laboratory service is fully CPA accredited. The blood transfusion service is compliant with Blood Safety and Quality Regulation.

Emergency work and On Call arrangements

The department has a policy for emergency admission of acutely unwell patients. This will be directly under the haematology team or initially via the on call medical teams depending on diagnosis and time of presentation. There are 3 separate consultant on call rotas: one for haemostasis and thrombosis (1 in 4) and one for general and laboratory haematology (1:4) and one for malignant haematology (1 in 5). The post holder would participate in the middle grade on call rota which would include weekend working.

Teaching

There will be opportunities to teach undergraduates attached to Manchester Foundation Trust.

Postgraduate Training

The appointee is expected to be involved in the teaching of junior medical staff in Haematology and junior doctors from other disciplines.

Clinical Audit and CME/CPD

The Trusts support the requirements for Continuing Medical Education as laid down by the Royal college of Physicians and is committed to providing time and financial support for these activities. The appointee will be expected to attend and participate in the rolling audit programme of the Medical Division which is currently one half day per month for eleven months of the year and is co-ordinated and administered by the Central Manchester Audit Department

Colleague Cover

All doctors on the middle-grade on-call rota are expected to cover colleagues for annual leave, study leave and short-term sickness absence

Maintaining Medical Excellence and Clinical Governance

The Trust is committed to providing safe and effective care for patients; there are agreed procedures within the Trust for the reporting and monitoring of either actual or potential adverse incidents. All employees are required to comply with these policies.

Infrastructure

Secretarial support and office space will be provided. Support from other medical staff is already in place.

Disclosure of Criminal Background of those with Access to Children and/or Vulnerable Adults

All NHS employers are required to check with the Criminal Records Bureau the possible criminal background of staff and volunteers who apply for work with vulnerable patients. It is a requirement of the post that such a check be undertaken, successful applicants will be asked to complete and sign a Disclosure Form giving permission for the screening to take place.

Having a criminal record will not necessarily bar you from working with the Trust. This will depend on the nature of the position and the circumstances and background of offences.

Visits to the Hospital

Candidates are encouraged to visit the Department and discuss the post with prospective colleagues. Initial points of contact are detailed below:

Dr Martin Scott/ Dr Fiona Dignan

Tel 0161 276 5052

PERSON SPECIFICATION

Requirements	Essential / Desirable	Method of assessment
Qualifications & Training		
Medical Degree	Essential	Application Form
Minimum of 2 years' full time (or equivalent part time) hospital service in the ST1-2 grade or higher	Essential	Application Form
Experience in general haematology	Essential	Application Form
Experience in malignant haematology	Desirable	Application Form
MRCP	Essential	Application Form
Experience in non-malignant haematology	Desirable	Application Form
Audit and Teaching		
Participation in Clinical Audit	Essential	Application Form
Teaching Medical students	Desirable	Application Form
Teaching Junior medical staff	Desirable	Application Form
Academic Achievements		
Publications in medical journals	Desirable	Application Form & Interview
Research experience relating to haematology	Desirable	Application Form & Interview
Interpersonal Skills		
Organisation Skills	Essential	Interview & References
Communication Skills	Essential	Interview & References
Leadership Skills	Desirable	Interview & References
Other Requirements		
Full registration (or eligible for full registration) with the General Medical Council	Essential	Application Form & Certificate

Active registration and licence to practice with the GMC at the time of appointment (via Manchester International Fellowship Scheme)		
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Clinical Fellow Clinical Haematology: proposed job plan lymphoma. (As part of rotation with 4 other clinical fellows, rotation occurs every 3-6 months)
Please note this is proposed only and subject to change.

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Ward Round Lymphoma Team	Transplant consent	Lymphoma Clinic	Chemotherapy prescribing	Procedure List
Lymphoma Clinic	13:00 Departmental meeting 14:00 Haem/onc MDT 16:00 Morphology (Auto Lab)	Intrathecal List	Clinical admin	Day Unit