

Job Description for NIHR Academic Clinical Fellowship in Infectious Diseases and General Internal Medicine at IMT3 or ST4 or Infectious Diseases and Medical Microbiology or Virology at ST3

1. Job Title.

Academic Clinical Fellow (ACF) in Infectious Diseases (ID) and General Internal Medicine (GIM), or in Infectious Diseases and Medical Microbiology (MM) or Virology (V)

2. Duration of post.

3 years

The ACF position will be for three years or transfer to a research fellowship, whichever comes first. Academic Fellows who do not progress to a research fellowship will be transferred to the standard London Deanery Pan-London Training Programme.

3. Research institutions in which training will take place

Barts and The London, Queen Mary University of London, Faculty of Medicine and Dentistry

4. Timetabling of clinical and research time

The ACF post will provide a 75:25 split between clinical training and research. Block rotations between clinical and research commitments will be arranged on a case-by-case basis by agreement with the Training Programme Director and the Academic Lead, informed by regular reviews and formal assessments. Weekly day release for research may also be considered where appropriate, depending on the specific research and clinical programme at a particular time point. Flexible Training will be available in accordance with Health Education Team/GMC policy.

5. Description of research component of programme

The proposed program for research will be suitable for an ACF with an interest in Tuberculosis. The research training in this clinical academic specialty will provide a unique opportunity to develop academic skills and undertake original research with a view to developing an academic career, alongside clinical training.

Tuberculosis is the world's leading cause of death from a single infectious agent and a major public health concern globally, nationally, and locally. The TB incidence in England in 2024 was 9.4, just below the WHO threshold of 10 for a low incidence country. This ACF is embedded in North East London, which includes the Borough of Newham with a 3-year average notification rate of 41.4 per 100,000.

The Queen Mary & Barts Health Tuberculosis Centre was established in 2025 with £4.63m funding from Barts Charity with a vision to deliver step-changes in scientific understanding, diagnosis and treatment of tuberculosis (TB) infection and disease in East London, the UK and internationally. (<https://www.qmul.ac.uk/blizard/research/centres/centre-for-immunobiology-and-infection/queen-mary-and-barts-health-tuberculosis-centre/>). It has brought together a vibrant and international group of clinical, translational, and basic science TB researchers with weekly shared research meetings and integration with the clinical teaching programme.

This ACF has a focus on paediatric tuberculosis research, which represents a clinically vulnerable and scientifically interesting study population. Clinical experience in paediatrics is *not* required. Children and young

people represent 1 in 20 of TB disease notifications in England and are a priority population group in the TB Action Plan for England. Young children are at the highest risk of developing TB disease following exposure and of developing the most severe forms of TB such as TB meningitis or miliary TB. They are also the population for whom vaccine-inducible protection is most clearly established. Microbiological diagnosis in children and young people can be especially challenging and the principle of disease stratified treatment-shortening has been proven in children with non-severe pulmonary tuberculosis, whilst remaining a challenge in adult TB trials.

Academic supervision will come from Dr Robin Basu Roy, Clinical Senior Lecturer & Honorary Consultant in Paediatric Infectious Diseases, Blizard Institute, Queen Mary University of London & Barts Health NHS Trust. He is also Co-Chair of the British Association of Paediatric Tuberculosis. Research opportunities include: involvement in a national paediatric TB infection and disease registry; evaluating need and cost-effectiveness of diagnostic and treatment innovations in TB infection in NEL and the UK; evaluation of diagnostics in paediatric TB meningitis; and biomarkers of progression to TB disease in children. Collaboration with public health and policy impact are highly valued. Potential applicants are encouraged to contact Dr Basu Roy (r.basuroy@qmul.ac.uk) to discuss their interests.

The candidate will have a devised personalised academic training plan which articulates with their clinical training plans. The RTP, in line with the NIHR, will include subjects such as statistics, clinical trial design, ethics, amongst others. Access to taught modules/materials from the Queen Mary University of London Post-Graduate Certificate course in Tuberculosis (<https://www.qmul.ac.uk/postgraduate/taught/coursefinder/courses/tuberculosis-online-pgcert/>) and Clinical Microbiology MSc (<https://www.qmul.ac.uk/postgraduate/taught/coursefinder/courses/clinical-microbiology-msc/>) will be available. Career mentorship, access to the NIHR Annual Bursary Fund of £1000 each year they are in post for attendance and travel to conferences and meetings linked to academic training, and support for development of PhD fellowship applications and will be provided throughout the ACF including through the supervisory team and QMUL Clinical Academic Training School.

6. Description of clinical training component of programme

Applicants wishing to be considered for dual training in Infectious Diseases and GIM (ID/GIM) (Group 1 specialties) must be in their penultimate year of Internal Medical Training (IMT2) or Acute Care Common Stem (CT3) and will not require additional clinical benchmarking.

Applicants wishing to be considered for dual training in Infectious Diseases with Medical Microbiology (ID/MM) or Medical Virology (ID/MV) (Group 2 specialties), and those pursuing Infectious Diseases with GIM while in IMT3, will need to apply for the Combined Infection Training Recruitment and attend a benchmarking interview to confirm the offer of the ACF post.

Successful applicants pursuing ID/GIM training will be appointed at IMT3 or specialty training ST4 level depending on their prior experience. Those pursuing ID/MM or ID/V will be appointed at ST3 level.

Clinical placements will be in the well-established Pan-London Training Programme for Combined Infection Training, including a wide range of sub-specialty training posts. Specific placements will depend on the requirements of the trainee, coordinated by the Training Programme Director.

All trainees will be expected to undertake their Combined Infection Certificate Examination during this post. ACFs will be allocated a clinical and educational supervisor, and may be required to join the on-call rota depending on specific arrangements during each clinical attachment. All trainees are expected to progress through ST stages at annual intervals through ARCPs, contingent on meeting the requirements of specialty-specific JRCPTB decision aids for each stage.

Main duties of the post holder for IMT3

If the ACF joins the program at IMT3 level, in year 1 will complete rotations in Internal Medicine to ensure a broad range of training in Internal Medicine and sign off for IMT Stage 1 at the end of year 1 of the ACF.

Clinical work during this time will focus on managing the acute unselected medical take, the ongoing care of medical inpatients and outpatient work as outlined in the IMT Stage 1 curriculum Training. Opportunities will include the local and regional IMT3 training as well as simulation training. Specific rotations and rotation locations will be devised with the IMT Training Program Directors based on the clinical training needs of the ACF but will not routinely include any specialty medicine.

7. Academic Programme Director name:

Prof Silvia Marino

8. Clinical Programme Director name:

Dr Caryn Rosmarin (Medical Microbiology)

Dr Phil Gothard (Infectious Diseases)

Dr Lila Paraskevopoulou (Virology)

9. Programme contact for further information (phone or email)

Academic Supervisor: Dr Robin Basu Roy, Email: r.basuroy@qmul.ac.uk

IAT Leads at Queen Mary

- Dr Upkar Gill Email: u.gill@qmul.ac.uk
- Dr Sasha Howard Email: s.howard@qmul.ac.uk

10. NHSE contact:

Specialty Team <https://lasepgmdsupport.hee.nhs.uk/support/home>

Recruitment Enquiries - <https://lasepgmdsupport.hee.nhs.uk/support/home>

11. Useful websites for further information [IAT Guide | NIHR](#)

<https://www.nihr.ac.uk/explore-nihr/academy-programmes/integrated-academic-training.htm>

12. Confirmation that the post attracts an NTN (A)

Yes.

This job description was prepared on 18th August 2026.