



# TRAITS

ENABLING PRECISION MEDICINE FOR INTENSIVE CARE  
BETTER IDEAS FOR BETTER HEALTH



## New sites open to recruitment

The following sites are now open to recruitment:

- Edinburgh Royal Infirmary (PI: Dr David Griffith)
- Western General Hospital, Edinburgh (PI: Dr Tom Anderson)
- Glasgow Royal Infirmary (PI: Dr Kathryn Puxty)
- Royal Alexandra Hospital, Paisley (Professor Kevin Rooney)



Welcome to the new teams and a huge thank you for joining, and for such a great start with recruitment to TRAITS!

Platform patients  
recruited

55

Lymp-resp patients  
recruited

5

Endo-shock  
patients recruited

4

## Points to remember

- Not all patients will have a trait. We call these “platform only” patients and they make an important contribution to the overall TRAITS programme.
- Traits are identified by the database using data you enter as part of baseline. All this data is available in the medical records. No additional tests are needed and samples do not need to be shipped to Edinburgh to identify a trait.
- Interested in TRAITS but not sure how it will work in your site? Our Trial Management Group includes Principal Investigators and Research Nurses from sites that are already recruiting – you can get in touch and hear how it works in other sites. Email the team at [TRAITS@ed.ac.uk](mailto:TRAITS@ed.ac.uk) to find out more

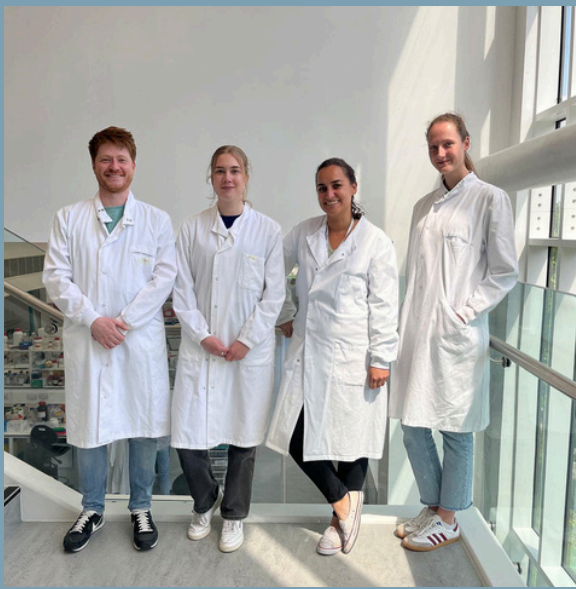
# TRAITS Biological sampling

The TRAITS lab team are now up and running and working on TRAITS participant samples. Participant samples are taken at the following 2 timepoints:

## 1. Platform

These samples are linked to clinical data collected as part of baseline. We will analyse samples and look for patterns of critical illness and to help us understand the mechanisms underlying critical illness.

Samples from platform patients are a key element to the overall TRAITS programme, even when participants don't progress to a Trait Specific Protocol (TSP).



Lab team from left to right: Peter Smith, Renske Hoekstra, Mia Mosavie, Saule Zubyte

## 2. End of treatment samples

All participants randomised to a TSP (intervention and usual care) will have an end of treatment sample collected. Samples will be linked to clinical data collected on the eCRF to allow for a comprehensive understanding of the mechanisms underlying critical illness, which are hidden when treated in isolation and has the potential to discover new treatable traits.

Preliminary samples have enabled establishment of biomarker and biology discovery workflow. Our next steps are to start evaluating biological samples from the TRAITS Trial.



Mia Mosavie (front) and Saule Zubyte (back) in the TRAITS lab

The TRAITS programme is a Scotland wide collaboration between clinicians, methodologists, trialists and patient representatives. We are keen to include and work with researchers from across the country.

There are lots of ways to join us in the TRAITS team:

**1. Recruit to TRAITS. Join as a clinical hub and help recruit to this exciting trial – or email to find out more at [TRAITS@ed.ac.uk](mailto:TRAITS@ed.ac.uk)**

**2. Join the Trial Management Group (TMG). We are looking for site investigators from across Scotland for our Trial Management Group – do you have an hour to spare each month to help advise and guide the TRAITS programme? Email [TRAITS@ed.ac.uk](mailto:TRAITS@ed.ac.uk) to find out more**

**3. Collaborate with us. Do you have a research idea that will fit in to the TRAITS programme? Click the link to complete the collaboration form.**



[FEASIBILITY QUESTIONNAIRE](#)

[COLLABORATION FORM](#)