



How does RNA keep the immune system in check? Come find out.

A new interdisciplinary programme at the University of Sheffield is investigating how the RNA-binding protein ELAVL1 shapes neutrophil behaviour during inflammation — combining primary human immune cells, zebrafish models and multi-omics. We're recruiting two Research Associates to build the team, one leading on wetlab, one leading on bioinformatics.

One programme, two entry points.

Both posts sit in Prof. Steve Renshaw's lab and work on the same question — how post-transcriptional RNA regulation controls innate immune responses — but lead from different ends: one from the bench, one from the terminal. Wetlab-minded candidates who enjoy data are just as welcome on the bioinformatics post as computational candidates who enjoy the bench are on the wetlab post.

POST A · WETLAB-LED

Research Associate — Wetlab, with potential Bioinformatics experience

SALARY

£38,784–£41,064

CLOSES

26 Aug 2026

HOURS

Full time, on site

CONTRACT

Fixed term

You'll be at the bench day to day — culturing primary human neutrophils and zebrafish models, running high-throughput RNA experiments such as RNA-seq, eCLIP and SLAM-seq, and using CRISPR-Cas9 to probe how ELAVL1 controls immune cell behaviour. There's real scope to grow into the analysis side of the multi-omics datasets you generate.

- PhD in molecular biology, biochemistry, genetics or a related field
- Hands-on experience with human primary immune cells or zebrafish models
- Strong core molecular biology skills — PCR, cloning, mammalian culture, CRISPR
- Python/R and comfort in UNIX environments a bonus, not a requirement



POST B · BIOINFORMATICS-LED

Research Associate — Bioinformatics, with potential Wetlab experience

SALARY

£38,784–£41,064

CLOSES

26 Aug 2026

HOURS

Full time

CONTRACT

Fixed term

Your centre of gravity is the dataset — processing and integrating large-scale multi-omics data (RNA-seq, eCLIP, SLAM-seq, RIP-seq) to map how ELAVL1 drives intron retention, mRNA stability, editing and phosphorylation across the immune response. If you also enjoy time at the bench, there's a genuine route into running the experiments behind your own data.

- PhD in bioinformatics, computational or molecular biology, or genetics
- Track record analysing high-throughput sequencing/RNA datasets
- Confident in Python or R on UNIX-style systems
- CRISPR, transcriptomics, imaging or zebrafish experience a bonus



APPLY ON [JOBS.AC.UK](https://jobs.ac.uk) →

jobs.ac.uk/job/DSK873/research-associate-specialism-in-wetlab-with-potential-bioinformatics-experience

Ref DSK873 · Uni. ref 2903 · Informal enquiries: Prof. Steve Renshaw, s.a.renshaw@sheffield.ac.uk



APPLY ON [JOBS.AC.UK](https://jobs.ac.uk) →

jobs.ac.uk/job/DSK931/research-associate-specialism-in-bioinformatics-with-potential-wetlab-experience

Ref DSK931 · Uni. ref 2901 · Informal enquiries: Prof. Steve Renshaw, s.a.renshaw@sheffield.ac.uk

Both posts close **26 August 2026**