Rosetrees Translational Award Application – Instructions

The aim of the Rosetrees Translational Award is to provide flexible funding to progress translational research to improve human health. The award is for £150K over 2 years and can be used across a broad spectrum of research including:

- Novel therapeutics
- Drug repurposing
- Devices
- Surgical techniques
- Diagnostics
- Imaging technologies
- Digital solutions
- Cell therapy and regenerative medicine
- Early-phase clinical studies evaluating feasibility
- IP landscaping
- Regulatory approval

Candidates must already have a career establishment/development fellowship from the ERC, UKRI, Royal Society or Wellcome Trust and will need to demonstrate that the objectives of their proposal to Rosetrees are unique and distinct to that of their career development fellowship. Proposals should have clearly defined milestones and must demonstrate progress in the technology readiness level (TRL) of the research. Further details on the definitions of TRLs can be found in **section 3** of the instructions. Please refer to these definitions when submitting your application.

Funding

The funding available is for up to £150K over 2 years.

This funding is flexible and is designed to cover additional costs associated with the translation of research. We will consider funding staff salaries (excluding PhD studentships), consumables, consultancy fees, outsourcing to contract research organisations, software/app development, IP landscaping, regulatory approval and other service providers.

Funding cannot be used to fund the salary of the fellow. Candidates must be funded for the duration of the Rosetrees-funded award either by a fellowship or another guaranteed funding source.

Application Form

Section 1-Applicant details

Please provide contact details for the principal applicant and (if applicable) co-applicant(s) and collaborator(s). The principal applicant must assume the role of lead applicant and it is their responsibility to invite other participants through the 'Participants' tab accessible on the application summary page. Click the invite button next to the appropriate role, once invited participants need to confirm their participation, and by accepting the invitation and registering their details this will automatically populate the record on the form. Contact details for all participants will then need to be completed by the lead applicant. Please note the principal applicant and the person on the co-applicant 1 role will be able to edit the online application form, whilst any other co-applicants and all collaborators will only have read only access to check the form.

In order for the lead applicant to submit the application, all invited co-applicants and collaborators must check the application form and hit the 'Finish Contribution' button. The 'submit' button will only appear once all participants have hit their 'Finish Contribution' button and their status shows as 'complete'.

We require the following supporting documents. If you fail to submit any of the requested documents or if they are in the wrong format, your application will be rejected.

- CV from principal applicant (max 3 pages).

If co-applicants and collaborators are involved in the grant application, the following documents will also be required.

- CVs from all co-applicants (max 3 pages each).
- Letters of Support from all collaborators (any format).

Letters of support from collaborators should be sent to the lead applicant outside of Flexigrant and then uploaded into the online form.

Section 2- Details of current fellowship

Provide the required details of your current fellowship and a description of how the aim of the Rosetrees Translational Award is distinct from that of your fellowship.

Section 3- Project details

Answer all questions regarding the specifics of the project as accurately as possible and ensure all required documents are uploaded.

Where requested, ensure your answers are written in simple lay language that non-medical people will have no difficulty in understanding.

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Research Question/PICO Framework

Using the information below, please state the clinical research question you are addressing using the PICO framework.

Framework Item	Description
Patient Problem (or population)	What is the patient population or clinical condition being studied?
Intervention	What type of intervention is being considered? For example, is this a diagnostic tool, therapy or other sort of intervention?
Comparators	What are the comparators to the proposed intervention? E.g. Other intervention, placebo, gold standard test.
Outcome	Which outcomes should be considered to assess the efficacy of the intervention?

Research Area	Patient Problem (or population)	Intervention	Comparators	Outcome
Therapy	Patient's disease or condition	A therapeutic intervention, e.g., medication, surgical intervention, or lifestyle change	Standard care, another intervention, or a placebo	Clinical outcome measure(s) to assess how well the intervention is working
Diagnosis	Patient's disease or condition	Diagnostic test or procedure	Current gold standard" test for that disease or condition	Clinical outcome measure(s) to assess how well the intervention is working
Prevention	Patient's disease or condition	Preventive measure, e.g., A lifestyle change or medication	Another preventative measure OR maybe not applicable	Clinical outcome measure(s) to assess how well the intervention is working
Prognosis	Patient's disease or condition	Usually time	May not be applicable	Clinical outcome measure(s) to assess how well the intervention is working
Aetiology	Patient's disease or condition	Intervention of interest	May not be applicable	Clinical outcome measure(s) to assess how well the intervention is working

Example of how to state your clinical question:-

In patients with [***Patient disease]*** is [***Intervention]*** more effective than [***Comparator]*** in [***Outcome]***?

Translational Readiness Levels (TRLS)

Level	Description
TRL 1	• Basic principles and research data observed and reported. Preliminary evaluation of potential targets and mechanisms.
TRL 2	• Technology concept and/or application formulated. Research ideas, hypothesis, experimental designs, potential targets, technologies, solutions (also digital), protocols identified and developed, peer reviewed and approved.
TRL 3	• Active R&D, data collection and analysis initiated. First hypothesis testing, target identification, characterisation of potential candidates', data collection. • Technological components (also digital) evaluation, exploration of alternative concepts carried out. • Early proof of concept (PoC)/system application tested in laboratory environment and where applicable in a limited number of in vitro & in vivo models.
TRL 4	• Preclinical R&D. PoC, safety of potential candidates, device or system demonstrated in a relevant laboratory or animal model. Formulation and manufacturing process development initiated (non-GMP). Identification of relevant data required for technological assessment. • System components integrated and tested regarding preliminary efficiency and reliability. Software architecture and other system components development to address reliability, scalability, operability, security etc. Other system components development.
TRL 5	• Technology validated in relevant environment. Pre-clinical studies, including GLP animal safety & toxicity, ADME data sufficient to support submission of the selected candidate to phase 1. • GMP manufacturing process and quality controls identified. Validation of system components/architectures and processes in relevant laboratory/operational environment. • Classification of device/digital system by appropriate regulatory body established. Verification, validation and accreditation when appropriate initiated.
TRL 6	• Technology demonstrated in relevant environment. Clinical development: phase 1 clinical trials evaluation proceeding to phase 2. • Medical device/digital system prototype demonstrated in operational environment. Clinical testing and safety demonstrated and in line with predictions. • Digital system components releases are "beta" versions and configuration controlled. Required accreditation in progress.
TRL 7	• System prototype demonstration in operational environment. Phase 2 clinical trial completed. Phase 3 clinical trial plan defined and approved. • Medical device/digital system final product design is validated and final prototypes intended for commercial use produced and tested. When appropriate, verification and validation for accreditation completed.
TRL 8	• System complete and qualified. Manufacturing processes validated. Phase 3 clinical trial completed and licensing/authorisation given. • Pre-market application submitted and approved for medical device. • Digital system development completed and demonstrated in real life conditions, support structure in place to resolve technical issues.
TRL 9	• Product launched/ready for launch. Post-marketing studies and surveillance in place

Please use the table above to identify the current TRL status of your research and the proposed TRL status after two years of Rosetrees funding. Please contact Dr. Vineeth Rajkumar (vrajkumar@rosetrees.org.uk) if you require further clarification.

Case for support document

Please upload a detailed case for support for the purpose of external peer review **(maximum of 3 pages, font size 11, including any figures and appendices. References can go onto additional pages).** You should briefly summarise the background and aims of the project, but the majority of the report should be dedicated to providing a detailed methodology of the proposed research and preliminary data that supports the application.

Applications that do not adhere to these guidelines will be rejected.

Uploaded documents will appear in the 'Required Documents' column on the application summary page. Please note that the maximum number of documents required displayed is only ***if*** co-applicants and collaborators are participating in the grant application. If your application does not involve co-applicants or collaborators you will be able to submit with a minimum of 3 required uploaded documents (CV of principal applicant, Gantt Chart, Technical Report).

Section 4-Financial Details

Awards are for a maximum of £150,000 over 2 years. The minimum grant duration is 2 years. In the budget table provide details of any salaries, consumables, animal costs and other associated costs. It is essential that costings are as transparent as possible. It is not sufficient to list consumables without adding details. ***Without this information, your application will be rejected.***

- We only fund directly incurred costs, not directly allocated costs such as PI time.
- The budget table defaults to a split for one salary. If more than one salary needs requesting then please add additional rows as per the default split, for the second salary. Describe in the table label the title and grade of the post the salary is for.
- Please provide a clear and concise justification for all the requested costs.

Review Process

- All applications will be initially checked to confirm that eligibility criteria have been met.
- Applications will then be assessed by our Translational Award panel and shortlisted applicants will be invited for interview.

Please ensure you make your submission before this round's advertised deadline as we cannot make exceptions for late submissions. When you have submitted the application, you should receive an automated acknowledgement. If you do not receive an automated e-mail, please check your e-mail spam folder. Our contact details are on the home page should you have any queries or issues with this submission.

We will be shortlisting applications in November 2025 and interviewing candidates in December 2025. All e-mails are sent from an automated server so please check your spam folder if you have not heard from us within this timeframe.

The Rosetrees Team