



Rosetrees 2023 Interdisciplinary Award

Interactions between the human host and infectious pathogens

The aim of the Rosetrees 2023 Interdisciplinary Award is to fund research that will study the complex interactions between the human host and infectious agents, ranging from the microbiome to pathogens that include viruses, bacteria and fungi. Particular areas of interest are:-

- How do these interactions result in harmful, acute and chronic effects on organs such as the skin, the gut and the brain?
- How do these interactions affect susceptibility or resistance to infection, and the evolution of anti-microbial resistance?

The 2023 Rosetrees Interdisciplinary Award is intended to help find answers to these important questions through innovative research, where clinicians will collaborate with non-clinical scientists who have expertise in molecular biology, computing, engineering and mathematics. We may also consider applications from scientists from other disciplines however please contact Rosetrees and check before submitting.

Proposals should include a clear translational strategy to show how their novel research could benefit patients within 5-10 years.

Submission period opening	05/01/2023
Submission period closing	28/04/2023 (5pm)
Notification of funding decision	October 2023
Grant duration	3 years
Funding amount	£300,000

Funding

- The interdisciplinary award is for £300,000 paid over 3 years. This funding can be used to support any aspect of the proposed research. We will fund directly incurred costs associated with the project, including salaries, consumables and other running costs. We will not fund directly allocated costs, indirect costs or PhD tuition fees. We will consider travel costs (max. £1000).
- Funding can be used to fund salaries for post-doctoral research associates, research technicians and research assistants. In special cases, we may consider funding PhD stipends. In these cases, the prospective PhD student must be embedded within a larger programme of research (e.g. a clinical trial or a programme grant) and there must be a clear case that Rosetrees support will provide additional impact.

Eligibility

- Applications should be interdisciplinary and clearly represent collaboration between a clinician and a non-clinical scientist with expertise in molecular biology, computing, engineering and mathematics. They can relate to any disease or medical condition that affects a significant proportion of the population.
- The 2 lead applicants should be tenured academics within the host institution. Only one ID award application can be made per host institution. However, in exceptional circumstances, we can consider applications from two departments in two separate host institutions if, for example, one of the institutions does not host a medical school. In these cases the lead institution will be the one hosting the medical department and will be the only application allowed from that institution. Please contact Rosetrees in advance if more than one institution is involved.

Applications

- This substantial award draws many applications and it is for each Institution/University to select the single best application for submission to Rosetrees. Please contact your research office to enquire about the internal application process. Once the best application has been selected by the Institution/University, our Research and Development Officer will issue a link which will enable a full application to be made using our Flexigrant online application portal. Further details of the application process will be found in the instructions section of the online application form.
- Please note that the deadline for submission of full applications to Rosetrees is 5pm on 28th April 2023.

Evaluation process

- All applications will be initially assessed by a specialist Rosetrees Scientific Panel.
- Shortlisted applications will then be reviewed by a panel of independent reviewers who will assess a range of criteria, such as: experience and track record of the lead applicants; importance of the research; the interdisciplinary nature of the project; how well placed the

researchers are to carry out the study; impact of the research and potential for translation and future clinical benefit; whether the scale and nature of funding is appropriate.

- The highest-scoring applications will then be reviewed by a panel of specialist reviewers who can comment on the specific area of work.
- The final funding decision will be subject to internal approval.

Contact

For general enquiries regarding eligibility and the application process, please contact Sheree Oxenham (soxenham@rosetreestrust.co.uk).

To apply initially, please contact the Research and Innovation Office at your institution. They will be managing the process and will be able to provide the guidelines.