**Rosetrees 2023 Interdisciplinary Award**

**Interactions between the human host and infectious pathogens**

**UCL Internal Selection – Deadline 2nd March 2023**

*The Rosetrees Trust has invited UCL to submit one application to its 2023 Interdisciplinary Award call with a full application deadline of* ***28th April 2023****. An internal selection process is being coordinated by the Research Coordination Office for Life and Medical Sciences.*

Funder/scheme web page: <https://rosetreestrust.co.uk/interdisciplinary-award-applications/>

**Key dates:**

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| --- | --- |
| Deadline for internal outline proposals | 2nd March 2023 |
| Decisions communicated to applicants | w/c 20th March 2023 |
| Rosetrees deadline for full proposal | 28 April 2023 (5pm) |

**The Rosetrees Trust Interdisciplinary Award 2023**

The aim of the Award is to encourage collaboration between clinicians and non-clinical scientists who have expertise in molecular biology, computing, engineering and mathematics. The hope is that the merging of skills and experience in these areas will lead to innovative research that will study the complex interactions between the human host and infectious agents, ranging from the microbiome to pathogens including viruses, bacteria and fungi.

Particular areas of interest are:

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

Applications:

* should be interdisciplinary and clearly represent collaboration between a clinician and non-clinical scientist with expertise in molecular biology, computing, engineering and/or mathematics
* can relate to any disease or medical condition that affects a significant proportion of the population
* should include a clear translational strategy to show how the novel research could benefit patients within 5-10 years
* should have two named lead applicants (additional collaborators can also be involved), who must be academic staff on permanent contracts

In previous years, the full application to the Rosetrees Trust consisted of:

1. 50 word lay overview
2. 500 word lay abstract
3. 6 page technical report inclusive of supporting figures and references
4. CVs of the two lead applicants and co-applicants (max. 2 pages, including the 5 most recent and 5 most relevant publications, and grants held as PI and Co-I)
5. letters of support from collaborators
6. letter of support from relevant faculty heads
7. application form (applicant details, project details, financial details, future plans/project impact)

Reviewers will assess a range of criteria including:

* experience and track record of the lead applicants
* importance of the research
* the interdisciplinarity 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 winning project will receive a **£300,000 award over three years** to cover directly incurred costs (including salaries, consumables and other running costs). The Trust will also consider travel costs (max. £1,000). *Directly allocated costs, indirect costs and PhD tuition fees will not be funded.*

**The UCL internal selection process**

Internal outline proposals should be submitted to our research facilitation team ([lms.facilitators@ucl.ac.uk](mailto:lms.facilitators@ucl.ac.uk)) by 2nd **March 2023**. Heads of both lead applicants’ departments should be copied into the submission email to confirm their approval of the application.

Internal outline proposals should be submitted as **ONE PDF DOCUMENT** consisting of:

1. A **technical report (max. 2 pages, Arial 11pt, 2cm margins)** inclusive of supporting figures and references, which outlines the following:

* Project background – identifying the problem, the aims and objectives of the study, and translational impact
* Researchers involved, nature of interdisciplinarity and relevant experience of applicants
* Plan of research study – what is involved and approach to be taken, and any preliminary data and contingency planning
* Milestones and expected costs (does not need to be a complete breakdown, just a statement of how funding will be used i.e. salary, consumables, travel etc.)
* Plan for clinical translation – the potential impact of the project, the next stages of research to achieve patient benefit and timeframes

1. **CVs for the two lead applicants (max. 2 pages each)**

Outline proposals will be reviewed by an internal panel, who will use the same assessment criteria as the Rosetrees panel of independent reviewers.

Please contact **Anwen Howells** at [lms.facilitators@ucl.ac.uk](mailto:lms.facilitators@ucl.ac.uk) with any questions.