Sample application

Biology of Fungal Adaptation

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Application title

Proposed length of funding (months)

Proposed start date

You can change your start date if your application is successful. All grant expenditure and activities must be within the grant start and end dates.

Research subject area

Select the most relevant area, based on the key aims of the research. This information is used to report on our funding.

Select one:

- Molecular Mechanisms
- Pathogen Biology and Disease Transmission
- Cell Biology, Development and Physiology
- Immune System in Health and Disease
- Population and Public Health
- Brain and Behavioural Sciences
- Genetics and Genomics
- Medical Humanities
- Social Sciences
- Data Sciences, Tools and Technology

Proposal summary

Proposal summary

Provide a summary of your proposed research, including key goals, for an expert audience. We will use this as a short abstract and to classify your proposal by subject. We may use it to describe your research on our website and elsewhere (we publish summary details of all our awards). If your application is successful, this summary will be automatically uploaded, without editing, to our website. Take care not to include anything confidential or commercially sensitive.

The summary should be as complete as possible within the word limit. Include key words that best describe the research to enable text searching.

Maximum 200 words.

The proposal

Proposal

Proposal

Additional information

References

Include any references needed to justify your proposal. You should give the citation in full, including title of paper and all authors. ‘In press’ publications may be included only if they are available on preprint servers.

Ensure that your references are pertinent to your research proposal and are cited in full, including all authors, the full title of each publication, journal title, year, volume and pages.

You can shorten references with more than 10 authors to ‘et al’, but you must ensure that your position as author (if applicable) remains clear.

Maximum 3000 words.

Does your proposal involve human participants or human biological material?

We use the World Health Organization definition of research with human beings: "any social science, biomedical, behavioural, or epidemiological activity that entails systematic collection or analysis of data with the intent to generate new knowledge, in which human beings:

- are exposed to manipulation, intervention, observation, or other interaction with investigators either directly or through alteration of their environment or
- become individually identifiable through investigator's collection, preparation, or use of biological material or medical or other records.”

Read our Research involving human participants policy (opens in new tab) for information on what we expect from the researchers and organisations we fund.

Select one:

- Yes - only involves human participants
- Yes - only involves the use of human biological material, or identifiable or potentially identifiable data
- Yes - involves both human participants and the use of human biological material
- No - does not involve human participants or human biological material

Details of study design for research involving human participants

Describe the study design. This should include, as applicable:

- number of participants, respondents or ethnographic subjects in each group
- how you will allocate participants to study groups
- type, frequency and duration of interventions, health outcome measures, interviews, focus groups or participant observation sessions
- any locations of research involving human participants
- details and justification for the power calculation, sample size and proposed statistical analysis – explain the methods for protecting against bias
- form, frequency and duration of planned follow-up
- long-term follow up or respondent care plans
- any other activity with potential significant risks to participants.

Types of health outcomes or interventions can include but are not limited to:

- screening procedures
- collection of biological samples
- biometric and clinical data
- experimental challenges
- behavioural treatments.

Maximum 700 words.

Outline your strategy for recruitment and describe the inclusion or exclusion criteria for study participants (if applicable). If your research includes a clinical trial you must also tell us:

- how you will comply with our policy on ensuring the inclusion of under-served groups and

- how your recruitment and retention methods will engage with under-served groups

Maximum 300 words.

How have you involved patients, participants, patient advocacy groups or communities in developing this proposal? What ongoing involvement will they have in the research?

Describe the oversight arrangements for the study. For example, the membership and composition of the Steering Committee and Data Monitoring Board.

Who has, or will, review the ethics of the project and when? Detail any other regulatory approvals you have, or will try to get.

We reserve the right to see relevant approval documents at any point during the grant and after it has ended. This is in accordance with our research involving human participants policy (opens in new tab).

Before research begins, you must have in place:

- ethical approval in every country where any part of the research will be carried out
- the relevant regulatory and ethical approvals for every site where research will be carried out
- appropriate governance mechanisms.

Read our guidance on research involving people living in low- and middle-income countries (opens in new tab).

You must have ethical approval for any research Wellcome funds that involves:

- human participants
- human biological samples
- personal data.

Any use of personal data or biological samples, relating to living or dead persons, must comply with all relevant legislation where you are working.

You must get approval from other regulatory bodies such as the Human Fertilisation and Embryology Authority (HFEA) or the Gene Therapy Advisory Committee in the UK where necessary. For example, research involving human embryos may need a licence from the HFEA. See the HFEA website (opens in new tab) for more information.

If your proposal involves research on gene therapy which needs regulatory approval, you should apply for this from:

- your Local Research Ethics Committee
- your University's Genetic Manipulation Committee
- the Gene Therapy Advisory Committee
- the Medicines and Healthcare products Regulatory Agency (MHRA).

Researchers based outside the UK must tell us what the law and guidelines are in the area or jurisdiction in which they will be collecting samples, and how they will comply with these.

Maximum 200 words.

Will you be using facilities, staff or patients within the National Health Service (NHS) in the UK?

By agreeing to fund work which needs NHS support, Wellcome agrees to abide by the Statement of Partnership on Non-commercial R&D in the NHS in England (and the corresponding statements in Northern Ireland, Scotland, and Wales). You must therefore meet the obligations of the Partnership and may not carry out any research until the NHS has given its consent.

The Research Governance Framework for Health & Social Care, published by the Department of Health in England can be downloaded from the Department of Health website (opens in new tab). Wellcome cannot act as sponsor.

Select one:

- Yes
- No

Have you completed a Schedule of Events Cost Attribution Tool (SoECAT)?

This must be signed off by an AcoRD specialist. Download a template SoECAT from the National Institute for Health and Care Research (NIHR) website (opens in new tab). Read our guidance on why you need to complete a SoECAT (opens in new tab).

Select one:

- Yes
- No

Upload the study information page and the summary page of your signed off SoECAT form as a single PDF.

Explain why you could not complete a Schedule of Cost Attribution Tool.

You can submit your SoECAT while we are reviewing your application but Wellcome cannot make a funding decision without it. If you do not have a signed-off SoECAT form your research will not receive Health Research Authority approval (or equivalent).

Maximum 100 words.

Which organisations have agreed to act as the formal sponsors for your project?

All research involving human participants, tissue or data (including clinical trials) must have a sponsor. For example, under the Research Governance Framework for Health and Social Care or the Medicines for Human Use (Clinical Trials) Regulations 2004.

If your trial is based in the UK, then you must comply with the Medicines for Human Use (Clinical Trials) Regulations 2004. In accordance with this regulation, applicants must identify a sponsor who fully understands the responsibilities and costs associated with assuming this role. This is usually a university or NHS Trust. Wellcome cannot act as sponsor.

Researchers based outside the UK must tell us what the law and guidelines are in the area or jurisdiction in which they are working, and how they will comply with these.

Maximum 100 words.

Confirm you have, or you will try to get, appropriate informed consent to use any potentially commercially exploitable results from tissues or samples derived from human participants.

Where data has the potential to be used beyond its initial purpose or beyond the end of the study, include details for how the consent will be managed.

Answer ‘not applicable’ if no potentially commercially exploitable results (based on human tissues or samples) will be produced during your research, and if no potential future use of data.

Maximum 200 words.

Does your proposal involve a clinical trial?

The World Health Organization defines a clinical trial as: “any research study that prospectively assigns human participants or groups of humans to one or more health-related interventions to evaluate the effects on health outcomes. Interventions include, but are not restricted to, drugs, cells and other biological products, surgical procedures, devices, behavioural treatments, process-of-care changes, preventive care, etc.”

For more information read Wellcome's clinical trials policy (opens in new tab).

If your proposal involves more than one clinical trial, contact Wellcome for advice.

Select one:

- Yes
- No

Confirm that the trial will be registered on one of the following:

- International Standard Randomised Controlled Trial Number Register (ISRCTN)
- ClinicalTrials.gov
- another register listed on the WHO International Clinical Trials Registry Platform (ICTRP).

Select one:

- I confirm

Is the proposed clinical trial covered by The Medicines for Human Use (Clinical Trials) Regulations in the UK?

Under the Medicines for Human Use (Clinical Trials) Regulations 2004, applicants must identify a sponsor who fully understands the responsibilities and costs associated with assuming this role. This will usually be a university or NHS Trust. Wellcome cannot act as sponsor.

Select one:

- Yes
- No

Describe the oversight arrangements for the clinical trial (e.g. membership of Trial Steering Committee, Data Monitoring Board etc.)

Describe how you will undertake your proposed research in an environmentally sustainable way.

You should design your research to use the most sustainable approach you can access within your organisation. See Wellcome's Environmental Sustainability Policy for information on our expectations and some suggested approaches.

Include:

- how you will reduce, reuse and recycle resources, equipment, materials and consumables
- the tools and/or initiatives you will use to measure and reduce the environmental impact of your research. This report by RAND Europe identifies several tools that might be of use.
- how you will minimise travel, and the emissions from essential travel, for all grant participants. This includes the grantholder, coapplicants, collaborators and staff employed on the grant and research participants.

Maximum 300 words.

Enter the total additional cost of undertaking the research, including essential travel, in an environmentally sustainable way

If there are no additional costs, enter 0.

Are you applying with coapplicants?

Select one:

- Yes
- No

Team composition and management

Describe the roles of all applicants and how the project will be managed and led.

Maximum 500 words.

Outputs management and sharing

Provide an outputs management plan

All Wellcome-funded researchers are expected to manage their research outputs in a way that will achieve the greatest health benefit, maximising the availability of research data, software and materials with as few restrictions as possible. Read our guidance on developing an outputs management plan (opens in new tab), which includes a link to some good examples. If an outputs management plan is not needed, briefly explain why below.

Your plan should be clear, concise, proportionate and focus specifically on how outputs will be identified, managed and used to advance potential health benefits.

Answer the following questions where relevant to your research.

For Data, software and materials outputs

1. What outputs will your research generate?
2. What metadata and documentation (for example, the methodology of data collection and way of organising data) will accompany the outputs?
3. When will these outputs be made available?
4. Where will you make these outputs available?
5. How will these outputs be discovered and accessed by the research community? (for example, through presentations or press releases)
6. Will there be any restrictions on the sharing of the final data set? If there will be, describe these restrictions.
7. How will data and metadata be stored, backed up and preserved?
8. What resources (for example financial and time) will be dedicated to outputs management and ensuring all data is findable, accessible, interoperable and reproducible?

If your study involves a clinical trial, please see the clinical trial specific guidance (opens in new tab) on the webpage. This includes additional points you must specify when your outputs include participant data.

For Intellectual property (IP) outputs

1. What IP will your research generate?
2. How will you protect this IP?
3. How will the IP be used to achieve health benefits?
4. Are there any plans to allow collaborators or third parties to own, co-own, or have exclusive access to any Wellcome-funded IP? If so, please consider any restrictions on this outlined in grant condition 8.

5. Provide the name and contact details for the person in your organisation (for example Technology Transfer Officer or Business Development executive) who can act as a point of contact for Wellcome to discuss the protection and commercialisation of this IP.

Maximum 500 words.

Select the approach you will use to maximise the impact of your significant research outputs to improve health and benefit the wider research community. If an outputs management plan is not needed, select 'Not applicable'.

Select one:

- Make research outputs available for access and re-use
- Protect intellectual property and/or commercialise outputs
- A combination of both approaches
- Not applicable

Collaborations

Are any collaborations essential for this proposal?

A collaborator provides essential subject expertise, support or materials. They are not involved in the day-to-day running of the research. They are not normally involved in the intellectual design of the project.

They are not remunerated for their input, although expenses can be covered, for example for their grant-related travel and the costs associated with providing the agreed input into the research, including the materials and consumables involved.

Collaborators must assign Wellcome-funded IP to the lead applicant's organisation in accordance with grant condition 8.

Select one:

- Yes
- No

List any key collaborators (name and organisation). Provide a very brief outline of their role in the proposed research and any key resources they will contribute.

You can replace the collaborators named here with suitable alternatives if it is necessary or appropriate to do so.

Name	Organisation	Outline of role in proposed research and contributed resources (75 words maximum)

I confirm that the collaborators named here have agreed to be involved, as described, in the proposed research and are willing for their details to be included as part of this application.

Select one:

- I confirm

Location of activity

Will the funded activity take place at more than one location?

This includes, but is not limited to, anywhere receiving indirect funding, Wellcome Trust-supported facilities, fieldwork sites, and time spent working in another organisation or laboratory. This does not include conference attendance.

Select one:

- Yes
- No

For each location, enter the organisation, country and percentage of funds. You must include the administering organisation.

Enter the approximate percentage of the total funds that will be spent in each location. Enter zero for locations where activity will take place but no significant funds will be spent. If you are requesting salary costs, attribute them to the employing organisation.

Organisation	Country	Percentage of funds

Wellcome Trust supported facilities

Will the project be based in one of the following Wellcome Trust supported facilities:

- the Wellcome Trust Sanger Institute
- a Wellcome Trust Centre
- an Africa and Asia Programme
- the Francis Crick Institute?

If the project will be based at one of these facilities, you must add the facility as a location.

Select one:

- Yes
- No

Will you need funds to be awarded directly to more than one location?

We will only consider requests for funds to be awarded directly to more than one location if your grant either:

- includes a request for multiple currencies - any request for additional currencies must be at least the equivalent of £750,000
- involves an organisation based in a low- or middle-income country - we will assess the financial capacity of the organisation to manage the grant.

If we award directly to more than one location, we will not move funds between organisations after we have issued the award letter.

Select one:

- Yes
- No

Explain why you need these funds to be awarded directly to more than one location.

For each location, enter the country, organisation and the value and currency of funds. You must include the administering organisation.

Country	Organisation	Value of funds	Currency
			Please select...

Research involving animals

Does your proposal involve the use of animals or animal tissue?

The following notes relating to 'Proposals involving animals' are intended to provide guidance and advice in completing the form, rather than a comprehensive review of the legal and regulatory environment in which the application is made.

Applicants must refer to our policy on the use of animals in medical and veterinary research (opens in new tab).

For clarity, when we mention "animals" we are using the definition with the Animals (Scientific Procedures) Act 1986, which defines protected animals used in research as:

- non-human vertebrates
- live cephalopods
- independently feeding larval forms
- foetal forms of mammals in the last third of their gestation or incubation period.

In all animal experiments we support, the principles of reduction, replacement and refinement will apply. In all experimental studies, applicants must actively consider:

- the complete replacement of live animals with tissues derived from either animals or humans
- the possibilities of reducing the numbers of animals that need to be used
- refining the experimental design to obtain the maximum amount of information from the minimum number of animals.

Refined methods in animal research are those which alleviate or minimise any adverse effects for the animals involved, or enhance animal welfare. Refinements may be applied at any stage in the life of an animal. Thus, refinement encompasses all aspects of a procedure, including the:

- source, transport, husbandry and environment of the animals involved
- experimental design (for example, the choice of species and the group size employed)
- techniques applied
- end points of the procedures
- care of the animals before, during and after a procedure.

For more information, check the National Centre for the Replacement, Refinement and Reduction of Animals in Research NC3Rs website. (opens in new tab)

Monoclonal antibodies

The use of ascitic animals for monoclonal antibodies (mAb) production in vivo may only be proposed when in vitro attempts at mAb production have failed or the use of animals is considered justified for specific diagnostic or therapeutic products. You must give a full explanation if in vitro production methods are not considered to be suitable.

Select one:

- Yes - involves animals
- Yes - involves animal tissue
- Yes – involves animals and animal tissue
- No - does not involve animals or animal tissue

Explain why animal use is necessary and the choice of species to be used. Outline why no realistic non-animal alternatives exist and how your approaches embed the principles of the 3Rs (reduce, refine, replace).

It is particularly important to justify the species when an animal is being used as a model for a human physiological or pathological condition.

Maximum 250 words.

Select 'Add...' to enter the animal species and total numbers needed (this should include any animals that are to be purchased or bred, along with any animals to be used to generate or maintain experimental animal colonies).

Animal species	Total number needed to carry out proposed work	Strain (if appropriate)

Animals justification

Animals justification

Does your proposal include procedures to be carried out on animals in the UK which need a Home Office licence?

The organisation must ensure that research involving the use of animals complies at all times with UK laws and regulations.

Select one:

- Yes
- No

Is there a current Home Office Personal Project Licence (PPL) that authorises the proposed procedures to be carried out in the UK?

Select one:

- Yes
- No

Provide the name of the licence holder.

Detail your plans and timelines for getting the appropriate licence.

Does your proposal involve the use of animals or animal tissue outside the UK? The organisation must ensure that research involving the use of animals complies at all times with UK laws and regulations.

Select one:

- Yes
- No

Confirm that the proposed animal work outside of the UK will comply with the principles of UK law.

Animal research conducted outside the UK must, as a minimum standard, be carried out in accordance with the principles of UK law and regulation.

Law and regulatory standards often vary from country to country. If experiments are to be carried out on animals outside the UK, the experiments proposed must be performed to standards which follow the principles of UK legislation. Furthermore, the housing and care of animals must similarly follow the standards and principles of UK legislation.

For studies using non-human primates, cats, dogs or equines, this is assessed during NC3Rs review. For studies involving other species, applicants should complete and upload the checklists listed on the NC3Rs website. Read the information on choosing contractors (opens in new tab).

Maximum 100 words.

If your study involves the use of the following species outside of the UK, complete and upload the checklists listed on the NC3Rs website, as appropriate. Upload any checklists as a single PDF.

- Rodents
- Rabbits
- Sheep
- Goats
- Pigs
- Cattle
- Xenopus laevis and Xenopus tropicalis
- Zebrafish

Upload any checklists as a single PDF. Checklists can be found on the NC3Rs website (opens in new tab).

Read the information on choosing contractors.

Will you be using primates?

The NC3Rs will review all applications involving the use of primates, or their tissue or data.

Select one:

- Yes
- No

Non-human primates

Do the facilities and practices, and the proposed research comply with the principles set out in the National Centre for the Replacement, Refinement and Reduction of Animals in Research (NC3Rs) guidelines?

Guidelines can be found on the NC3Rs website (opens in new tab).

Select one:

- Yes
- No

Explain why not

Will it be necessary to transport the non-human primates (for example from breeding facility and within the host organisation environment)?

Select one:

- Yes
- No

Indicate approximate journey times and the measures that will be taken to minimise the potential stress during transport.

Provide details of the housing for the animals, for example enclosure size, environmental enrichment.

See the NC3Rs guidance (opens in new tab) on animal housing and husbandry for further details.

Maximum 200 words.

Will single housing of the non-human primates be necessary at any time?

Select one:

- Yes
- No

Provide a justification for single housing, its duration, and explain what additional resources you will provide to the animals to minimise the impact on animal welfare.

Describe the experimental procedures involved and how any pain, suffering, distress or lasting harm will be minimised. Have the procedures been recently reviewed by the Named Veterinary Surgeon (NVS), Named Animal Care and Welfare Officer (NACWO) and Animal Welfare and Ethical Review Body (AWERB)?

Will any of the experimental procedures involve food or water restriction?

Select one:

- Yes
- No

Justify why this is necessary and outline what alternatives have been considered.

Will any of the experimental procedures involve restraint?

Select one:
- Yes
- No

What alternatives have been considered? Describe the nature of the restraint, its duration and frequency, and what will be done to avoid distress.

What prior experience and training in non-human primate use, care and welfare will you require of the staff named in the application? What are you doing to support continuing professional development in these areas?

Will any of the staff involved need specific training for any of the procedures concerned?

Select one:
- Yes
- No

Provide details of the training needed and where it will be done.

Will you be using cats, dogs or equidae?

The NC3Rs will review all applications involving the use of cats, dogs and equidae animals,

or their tissue or data.

Select one:

- Yes
- No

Cats, dogs and equidae

Will you be using cats?

Select one:
- Yes
- No

Will you be using dogs?

Select one:
- Yes
- No

Will you be using equidae?

Select one:
- Yes
- No

From where will the animals be sourced?

Will it be necessary to transport the animals?

Select one:
- Yes
- No

Indicate approximate journey times and the measures that will be taken to minimise the potential stress during transport.

Are animals to be imported?

Select one:

- Yes
- No

Where animals are to be imported, what journey times have been agreed with the Home Office? Describe the conditions for the animals at the breeding establishment and how the potential stress during transport will be minimised.

Provide details of the housing for the animals, for example enclosure size, environmental enrichment.

See the NC3Rs guidance (opens in new tab) on animal housing and husbandry for further details.

Provide details and address the following in your answer in respect of these species:

Dogs: daily socialisation and out-of-pen activity

Equines: access to pasture for grazing and exercise.

Maximum 200 words.

Will single housing of the animals be necessary at any time?

Select one:

- Yes

- No

Provide a justification for single housing, its duration, and explain what additional resources you will provide to the animals to minimise the impact on animal welfare.

Describe the experimental procedures involved and how you will minimise any pain, suffering, distress or lasting harm. Have the procedures been recently reviewed by the Named Veterinary Surgeon (NVS), Named Animal Care and Welfare Officer (NACWO) and Animal Welfare and Ethical Review Body (AWERB)?

What adverse effects might the animals experience? List the clinical and other signs that will be monitored, the frequency of monitoring and, if relevant, the humane endpoint criteria established for the study.

Will any of the experimental procedures involve restraint?

Select one:
- Yes
- No

What alternatives have been considered? Describe the nature of the restraint, its duration and frequency, and what will be done to avoid distress.

What prior experience and training in animal use, care and welfare will you require of the staff named in the application? What are you doing to support professional development in these areas?

Will any of the staff involved need specific training for any of the procedures concerned?

Select one:

- Yes
- No

Provide details of the training needed and where it will be undertaken.

Will you be using genetically altered animals?

All proposed research projects involving genetically altered mice are expected to consider the principles of welfare assessment set out on the NC3Rs website (opens in new tab).

Select one:

- Yes
- No

If your proposal involves the use of animals, what would be the severity of the procedures? You can find guidance on assessing the severity of a procedure on the Home Office website.

You can find guidance on assessing the severity of a procedure on the Home Office website (opens in new tab).

Select one:

- Sub-threshold
- Mild

- Moderate
- Severe
- Non-recovery

Provide details of any moderate, severe or non-recovery procedures. Can lower severity procedures be used? Provide details of when procedures were last reviewed by the Animal Welfare and Ethical Review Board (AWERB), Institutional Animal Care and Use Committee (IACUC) or equivalent. State the year.

Risks of research misuse

Confirm that you have considered whether your proposed research could generate outcomes that could be misused for harmful purposes.

You and your host organisations must consider carefully any risks that the potential outcomes of the research (information, products or technologies) could be misused for harmful purposes. These are known as "dual use risks" and they include actions that pose a significant threat to humans, animals, plants or the environment, including terrorist misuse.

Research areas that aim to do the following are often associated with this type of risk:

- demonstrate how to render a vaccine ineffective
- confer resistance to a therapeutically useful antibiotic or antiviral agent
- enhance the virulence of a pathogen or renders a non-pathogen virulent
- increase the transmissibility or alter the host range of a pathogen
- enable the evasion of diagnostic and detection methods
- enable the weaponisation of a biological agent or toxin
- generate or reconstitute an eradicated or extinct agent or toxin

Do not include the following types of risk in your answer:

- remote or hypothetical risks of future misuse (we recognise that most research could hypothetically be misused)
- data risks - for example breaches of personal data and risks of anonymised recipients being reidentified (these should be managed by research design and data management protocols)
- safeguarding risks to researchers and participants (these should be managed by your organisation.

Select one:

- I confirm

Have you identified any tangible risks of this type?

Refer to the joint BBSRC, Medical Research Council (MRC) and Wellcome policy and position statement (opens in new tab) on managing risks of research misuse, and our guidelines on good research practice (opens in new tab).

Select one:

- Yes
- No

Briefly describe these risks. Explain how you and your organisation will manage them.

The identification of tangible risks in a research project should be clearly balanced against the benefits and value that is to be gained for health, science and society. If there are tangible risks that the proposed research will generate outcomes that could be misused to cause harm, you (and your fellow researchers and host organisations) must take appropriate steps to monitor the research as it proceeds and minimise these risks. Risk mitigation could include establishing a process to review dual-use risks on an ongoing basis through the project and to gain independent expert advice as appropriate. You must also ensure that all members of your team are aware of these risks in progressing their research, and receive appropriate education and training on these issues.

Maximum 250 words.

Freedom to operate and conflicts of interest

Describe any freedom to operate or other intellectual property related issues that might affect your ability to do the proposed research or to use, share or commercialise the research outputs. Explain how you will address these.

If you are satisfied that there are no such issues, answer not applicable and briefly explain why. If you have fully addressed such issues in your outputs management plan under the question on "Outputs management and sharing", then you may refer to that answer.

In particular, consider:

- Will your research use technology, software, databases, materials or patented inventions that are owned or controlled by others and which you do not already have written permission to use?
- Will the ownership, use, commercialisation or sharing of research outputs with the wider research community, be subject to agreements with commercial, academic or other organisations? This includes arrangements with collaborators named in this application.

For more information about our approach to intellectual property and translation, refer to:

- clause 8 of our Grant Conditions (opens in new tab)
- our intellectual property and translation page (opens in new tab).

Disclose all relevant information pertinent to your grant proposal, including proprietary information where appropriate, to provide the most comprehensive picture of how any commercial or IP matters may affect the delivery of your proposed research and the subsequent use, commercialisation or sharing of your research outputs.

Maximum 250 words.

Describe any conflicts of interest which might affect your ability to do the proposed research or to share or commercialise the research outputs.

For each conflict:

- explain how you and your organisation will manage the conflict
- explain how you will comply with your organisation's conflict of interest requirements

- confirm whether the identified conflict has been disclosed to your organisation.

If you are satisfied there are no issues, answer ‘not applicable’.

Refer to our policy on conflicts of interest related to Wellcome-funded researchers and commercial organisations (opens in new tab). In particular, consider whether anyone involved in your project holds any consultancies, advisory roles, or equities in, or directorships of, companies or other organisations that might have an interest in the results of your proposed research.

Maximum 250 words.

Applicant details

Lead applicant details

Do you want to do this grant part time?

If you want to do this grant part-time, either from the start or part way through the grant, your host organisation must employ you on a part-time basis during that time.

We always try to accommodate requests, as long as your employing organisation agrees to the working arrangement. Your Funding Manager will contact you to acknowledge receipt of your application after the scheme application deadline. You should discuss any flexible working plans with them as early as possible. If you have any questions before you apply, please contact our Research Funding Information Desk (opens in new tab).

Select one:

- Yes
- No

Career contributions

In relation to this application, summarise what you consider to be your key experience and achievements/contributions, for example publications, patents, impacts on policy. For each, explain when it came about, why you think it is important and what impact it has had.

(350 words max)

Maximum 350 words.

Describe your approach to developing and supporting a positive and inclusive research culture, including examples from previous and current groups.

This could include, for example:

- mentoring
- supporting collaboration and interdisciplinarity
- leadership and people management
- promoting research integrity.

Please do not include any sensitive personal information relating to people you have worked with or supported.

Read examples of approaches to improving research culture. (opens in new tab)

Maximum 500 words.

Current and recent research funding (including Wellcome grants)

List all current research funding, and funding you have received in the last five years.

List the most recent first. Include the name of the funder, names of any grantholders, title of the project, total amount awarded (and how much of this you received), your role in the project, and the start and end dates. Include the percentage of your time spent on the research.

Include details of any recurrent or core funding you have held. Explain your role in getting the funding. For example, whether you held them in your own right as lead applicant, coapplicant, or as part of a consortium.

We use this to check your eligibility for this grant and to understand how this proposal is distinct from other funding you hold.

Maximum 1500 words.

Describe how the currently active grants listed above relate to this application. If you hold grants related to the topic of this application, explain how these differ and confirm there is no overlap in funding.

This helps us understand how your application is distinct and does not overlap with research activities already supported by other awards.

Maximum 200 words.

What percentage of your research time will you spend on this project?

Coapplicant details 1

Coapplicant name

Each coapplicant should fill in their own 'Coapplicant details' page. Enter the name of the coapplicant whose details are on this page.

Do you want to do this grant part time?

If you want to do this grant part-time, either from the start or part way through the grant, your host organisation must employ you on a part-time basis during that time.

We always try to accommodate requests, as long as your employing organisation agrees to the working arrangement. Your Funding Manager will contact you to acknowledge receipt of your application after the scheme application deadline. You should discuss any flexible working plans with them as early as possible. If you have any questions before you apply, please contact our Research Funding Information Desk (opens in new tab).

Select one:

- Yes
- No

Career contributions

In relation to this application, summarise what you consider to be your key experience and achievements/contributions (e.g. publications, patents, impacts on policy). For each, provide details of when it came about, why you think it is important and what impact it has had.

Maximum 350 words.

What percentage of your research time will you spend on this project?

Describe your approach to developing and supporting a positive and inclusive research culture, including examples from previous and current groups.

This could include, for example:

- mentoring
- supporting collaboration and interdisciplinarity
- leadership and people management
- promoting research integrity.

Please do not include any sensitive personal information relating to people you have worked with or supported.

Read examples of approaches to improving research culture(opens in new tab).

Maximum 500 words.

Research proposal costs

Currency requested

Select the currency in which you want to apply.

Submit costs in the currency you think will best enable you to undertake the activity. This will probably be your local currency; if not, explain why not.

If you think that the currency may not be readily available, email grantpayments@wellcome.org. For more information see our website (opens in new tab).

We may not be able to award your grant in the currency you have requested. In these situations, we will talk to your administering organisation about using another currency.

Please select...

Is this your local currency?

Select one:

- Yes
- No

What is your local currency?

Please select...

Explain why you are requesting costs in the selected currency and what exchange rate you have used.

If you do not have a bank account in the currency you have requested, you will be liable for any increase in research costs due to foreign currency conversions or charges.

Maximum 100 words.

Costs requested and justification

Are you asking for staff?

Detail the full employment costs for all staff to be funded on the grant.

Provide the names of individuals for posts involving the handling of, and research on, non-human primates. While your application is being considered, you must tell us about any change to the individual(s) named in the application.

Definition of terms

Role: For example: Postgraduate research assistant, Postdoctoral research assistant, Technician, Fieldworker. Specify the level of seniority of the post where relevant, for example Junior postdoctoral research assistant, Senior postdoctoral research assistant.

Salary grade or scale: The national or local salary grade or scale on which the individual will be employed.

Basic annual starting salary: Annual salary to be paid to the individual on their appointment to the post, exclusive of any allowances for which the individual is eligible. If the post is part time, the annual salary must be quoted on a pro rata basis.

Total cost on grant: Total cost of the post, inclusive of any locally-recognised allowances (for example, London allowance), employer's contributions and increments, over the period of the grant. Employer's contributions should include any statutory obligations (for example for the UK, National Insurance contributions) and contributions towards an organisational pension scheme.

Select one:

- Yes
- No

Staff costs

Cost type	Number of staff asked for	Role	Name (if known)	Basic annual starting salary	Salary grade or scale	Months on project	% time	Cost requested from Wellcome
Select one: • Salary • Visa/work permit • Research/teaching buyout • Research assistant PhD fees								

Justification for staff

Specify the role and responsibilities for the staff requested. Justify the type and seniority, including the level of salary requested, of each post.

If any staff requested will be working in different locations, say where they will be working. If you are requesting funds to be awarded directly to more than one location, you must say in the cost breakdown where the funds are to be allocated.

Maximum 300 words.

Are you requesting adjustment support?

If you or a member of staff employed on your grant is disabled or has a long-term health condition, we offer different types of support during your grant (opens in new tab). This includes help to do your project, report on grant progress, and attend events such as researcher

meetings.

Enter the cost of the adjustment support you need. We do not need any further information at this stage.

Select one:
- Yes
- No

Cost requested from Wellcome

Are you requesting training and continuing professional development?

Select one:
- Yes
- No

Training and continuing professional development

Cost type	Description	Cost requested from Wellcome
Select one: • Continuing professional development and professional skills training • Research skills training		

Justification for training and continuing professional development

Are you requesting materials and consumables?

Provide a high-level breakdown of materials and consumables costs. These typically include:

- laboratory chemicals and materials (for example reagents, isotopes, peptides, enzymes, antibodies, gases, proteins, cell, tissue, bacterial culture, gloves, plasticware and glassware)
- associated charges for shipping, delivery and freight
- archival photocopying
- printing associated with fieldwork

In the justification for materials and consumables, provide an estimate of the cost for each staff member each year.

Select one:

- Yes
- No

Materials and consumables

Description	Cost requested from Wellcome

Justification for materials and consumables

Are you requesting animals?

To ensure animal experimentation costs are accurate, you must complete this section after consultation with your animal house or biological services manager. Your organisation must apply a consistent costing methodology when presenting cost details.

We may ask for more detailed costing information where a large number of animals or

substantial costs are involved.

Select one:

- Yes
- No

Animals

Animal species	Total number to be bought	Total purchase cost	Total maintenance and procedures cost	Cost requested from Wellcome

Associated animals costs

These costs cover specific and relevant training and environmental enrichment, including training for animal husbandry, welfare and associated training for animal technicians, and the cost of animal licences.

Description	Cost requested from Wellcome

Justification for animal costs

Do not include a justification of the animal numbers you need; you can explain this in the 'Research involving animals' section.

Maximum 300 words.

Are you requesting equipment?

The organisation’s Director of Procurement/Head of Purchasing (or equivalent) must be aware of all potential capital purchases and we need organisations to use best procurement practice when buying equipment with our funds.

Equipment to be bought

We expect you to consider the cost-effectiveness of the proposed purchase of equipment. The estimated price of the equipment must cover all aspects including delivery, installation, maintenance and training, where appropriate. We expect discounts to be negotiated and included in quoted prices.

We normally expect a contribution from the host organisation, or other source, if the application includes a substantial equipment request. If you have any questions about this, contact fundingsupport@wellcome.org.

If there is a preferred manufacturer for certain items of equipment, you can explain this in the 'Type of equipment' field.

We expect that the equipment you request will be covered by the manufacturer's warranty for the first year after it is bought. We will fund reasonable maintenance costs for four years after the initial period of warranty on all equipment (irrespective of the length of grant made), when this is negotiated as part of the capital purchase cost. We will also consider costs for the maintenance of equipment over 5 years old if you can demonstrate that it is cost-effective.

Value Added Tax (VAT)

For grants to be held in the UK, the costs of all equipment to be used for medical and veterinary research must be quoted exclusive of VAT. For equipment that does not fall within this definition, VAT costs should be shown.

Equipment maintenance

We consider requests for maintenance of existing equipment if the grant that funded its purchase has ended. We only provide maintenance costs for equipment more than five years old if it is cost-effective to keep maintaining it.

Equipment costing 100k or more

We need a copy of at least one formal quote for each piece of equipment with a list price of £100,000 or more. The discount that has been negotiated must be included in the quote. We expect a contribution from the host organisation, or other source, if your application includes a substantial equipment request.

Select one:

- Yes
- No

Equipment costs

Type	Type of equipment	Number of items	Cost for each item	Cost of maintenance contract	Contribution from other sources	Cost requested from Wellcome
Select one: • Equipment purchase • Equipment maintenance • Computer equipment						

Justification for equipment

If you are requesting a piece of equipment which costs more than £100,000, provide details of:

- similar equipment in the applicant's department and adjacent departments
- why it cannot be used for this particular project
- any other individuals likely to use the equipment.

Maximum 300 words.

Are you requesting a piece of equipment with a list price of £100,000 or more?

Select one:

- Yes
- No

Upload a copy of at least one formal quote; if you have more upload these as a single PDF.

Are you requesting access charges?

You can ask for the cost of access to shared equipment or facilities if they're essential to your research project. These may include materials and consumables, plus a proportion of:

- maintenance and service contracts
- staff time costs for dedicated technical staff employed to operate the equipment or facility.

We don't cover the costs of:

- estates and utilities
- depreciation or insurance
- other staff, for example contributions to departmental technical, administrative and management staff time.

If the facilities or equipment were paid for by a Wellcome grant, you can only ask for access charges if:

- the grant has ended
- any support for running costs and maintenance contracts has ended.

Select one:

- Yes
- No

Access charges

Details of equipment or facility	Original source of funding	Wellcome Trust grant number, if applicable	Standard access charge per unit	Specify unit	Number of units to be used for this project	Cost requested from Wellcome

Justification for access charges

Are you requesting overheads?

Where overheads are allowed and you are including these in your application, provide a letter from the Finance Director of each organisation requesting these costs. The letter must provide a breakdown of the costs requested and confirm that the request is a true representation of the costs incurred.

Select one:

- Yes
- No

Overheads

Description	Cost requested from Wellcome

Justification for overheads

Upload a letter from the Finance Director of each organisation. If there is more than one letter, upload these as a single PDF.

Each letter must include:

- a full breakdown of costs requested (you can't ask for a percentage of the project costs)
- an explanation of why these costs are necessary for the project
- confirmation that the breakdown is a true representation of the costs incurred.

Are you based at a UK university and requesting overheads on subcontracted costs?

Select one:

- Yes
- No

Confirm that the university will not include these subcontracted costs in its annual return for the UK Charity Research Support Fund.

Select one:

- I confirm

Are you requesting travel and subsistence?

Include conference attendance, collaborative visits and other travel related to this grant separately. When necessary, include the host organisation. Enter the total carbon offset costs requested as a single line. Find out more about our carbon offset for travel policy

(opens in new tab).

Conference attendance

The lead applicant and any research and technical staff to be employed on the grant can request costs to attend academic or scientific conferences, including conference registration fees and carbon offsetting the travel, up to a maximum of £2,000 a year for the lead applicant and £1,000 a year for research and technical staff. Specify the amount being requested for each person.

You can ask for costs that exceed the above limits where academic or scientific conference attendance or dissemination is a core part of the research activity. You will need to strongly justify where such costs are requested.

Collaborative visits

If you are requesting costs for collaborative visits, include the administering organisation and provide a detailed breakdown of the travel and subsistence costs. Justify the need for each visit, its duration and your mode of transport separately.

Other travel related to this grant

You can request costs for other essential visits, for example for sample collection and trips to facilities. Justify the need for the visit, its duration and your mode of transport separately.

Carbon offset

Calculate your carbon offsetting costs for all the travel on the grant. Tell us the number of tonnes you are offsetting and the cost.

Select one:

- Yes
- No

Travel and subsistence costs

Type	Description	How much carbon will this offset (in tonnes)?	Cost requested from Wellcome
Select one: • Conference attendance • Collaborative travel • Other travel • Carbon offset • Subsistence costs			

Justification for travel and subsistence costs

Are you requesting overseas allowances?

Select one:

- Yes
- No

Overseas allowance costs

Type	Description	Cost requested from Wellcome
Select one: • Outward and return travel • Baggage and freight shipping allowance • Medical and travel insurance • Visas and vaccinations • Housing security • Accommodation and subsistence • Education • Annual leave travel costs • Language lessons		

Justification for overseas allowances

Are you requesting fieldwork expenses?

Select one:

- Yes
- No

Fieldwork expenses

Description	Cost requested from Wellcome

Justification for fieldwork expenses

Are you requesting clinical research?

Select one:

- Yes
- No

Clinical research costs

Description	Cost requested from Wellcome

Justification for clinical research

Are you requesting public engagement and patient involvement?

Select one:

- Yes

- No

Public engagement and patient involvement costs

Description	Cost requested from Wellcome

Justification for public engagement and patient involvement

Are you requesting contract research organisations?

Select one:
- Yes
- No

Contract research organisations

Description	Cost requested from Wellcome

Justification for contract research organisations

Are you requesting other costs?

Provide a detailed breakdown of the other costs requested. Enter costs that do not fall under any other category in this section.

Select one:
- Yes
- No

Other costs

Type	Description	Cost requested from Wellcome
Select one: • Specialist publications • Consultancy fees • Subject/volunteer expenses • Health-related feedback • Outputs management plan • Material for clinical, epidemiological and qualitative research studies • Recruitment, advertising and interviewee travel costs • Project-dedicated vehicles • PPE • Computing • Conference/seminar hosting		

Justification for other costs

Full economic costing

Is your organisation based in the UK?

Select one:

- Yes
- No

Is your organisation calculating the full economic cost of this proposal?

Select one:

- Yes
- No

What is the total full economic cost of your research proposal in sterling (GBP)?

Include inflation in your costs at the percentage rate currently used by your administering organisation.