Application summary

Application title
This is the title of your proposed project.

Proposed duration of funding (months)

Principal Research Fellowships can last for seven years (84 months) or five years (60 months) if you hold a UK-based senior research fellowship.

Senior Research Fellowships can last up to seven years (84 months).

Proposed start date
This date must be at least six months after the full application deadline.

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.

Name of administering organisation
If your application is successful, this is the organisation that will be responsible for administering the award.

If you are a low- or middle-income country national proposing to work in a low- or middle-income country, your administering organisation should normally be located in a low- or middle-income country.

Lead applicant's address at administering organisation
If your application is successful, we will use this address in your award letter.

Department/Division
Organisation
Street
City/Town
Postcode/Zipcode
Country

Research area
Select the most relevant area, based on the key aims of the research. This allocates your application to the relevant Grants team. We may reallocate your application to another area if we consider it appropriate.
### Lead applicant

#### Lead applicant details

<table>
<thead>
<tr>
<th>Full Name</th>
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<tbody>
<tr>
<td>Department</td>
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<td>Division</td>
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<td>Organisation</td>
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<td>Address Line 1</td>
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<tr>
<td>City/Town</td>
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<td>Postcode</td>
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<td>Country</td>
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<td>Telephone No.</td>
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<td>Email Address</td>
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#### ORCID iD

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#### Career history (current/most recent first)

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Position</th>
<th>Organisation</th>
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#### Education/training

<table>
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<tr>
<th>From</th>
<th>To</th>
<th>Qualification</th>
<th>Subject</th>
<th>Organisation</th>
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</table>

#### Source(s) of personal salary support

State all your sources of salary funding (for example, through your organisation’s block grant from a higher education funding body), and the percentage of your salary they contribute. Answer ‘not applicable’ if you are not currently employed.

Your source of salary may affect your eligibility - please check the relevant scheme webpage.

If your source of salary places any restrictions on intellectual property rights or publications arising from your research, contact us as this may also affect your eligibility.

#### Current/last appropriate salary details

Clinically-qualified applicants should exclude any banding element for on-call hours.

If you are currently unemployed or in temporary employment, give details of the last appropriate salary that you held.

| Basic salary (per annum) |  |
Currency

Date of last increment

Career breaks
Have you taken a break from research or any periods of part-time work? This could include periods of parental or long-term sick leave, or if you had caring responsibilities. You can also include any periods where you were unable to work because of the COVID-19 pandemic.

We take breaks from research into account when we consider your track record. State when and for what period you took a break, or were working part-time. We are not asking for the reasons for this break so please do not provide these here, including sharing any sensitive personal health information.

Provide details

Do you wish to undertake this award part time?
If you wish to undertake this award 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 provide flexible research career opportunities. If you’re applying for funding, you can request flexible and part-time working. This could be to help you manage family commitments or if you have individual needs which make undertaking an award full time challenging.

We always try to accommodate requests, as long as your employing organisation agrees to the working arrangement. Your Grants Adviser 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 Grants Information Desk.

Research outputs
Use the link 'Add research output' below to add up to 20 of your most significant research outputs; at least five of these must be from the last five years. For 10 of these outputs, provide a statement describing their significance and your contribution (up to 50 words maximum per output).

We only need the following for each output: authors, year of publication, title of publication and name of journal.

Research outputs may include (but are not limited to):
- Peer-reviewed publications and preprints
- Datasets, software and research materials
- Inventions, patents and commercial activity

For original research publications, indicate those arising from Wellcome-funded grants in the statement field when you add your research output. You can find more information on this in the guidance to this question.

Include here systematic reviews (e.g. Cochrane Reviews) and meta analyses, but exclude abstracts and literature reviews. We encourage you to include articles published via open research publishing platforms, such as Wellcome Open
Research, providing they have passed peer review.

Only include preprints, complete manuscripts that have been submitted to a preprint repository or service (for example, bioRxiv, PeerJ Preprints, arXiv, SocArXiv or PsyArXiv), if they have a permanent identifier such as a DOI or arXiv identifier. Our open access policy requires all original peer-reviewed research papers, supported in whole or in part by our funding, to be made available through PubMed Central (PMC) and Europe PMC as soon as possible and in any event within six months of the journal publisher's official date of final publication.

The PubMed Central ID (PMCID) is the unique identifier assigned to every full text paper in PubMed Central (PMC) and Europe PMC. **Ensure the PubMed Central ID (PMCID) reference is provided for each output.**

We actively monitor compliance with our open access policy and we ask successful applicants to provide a full list of all their Wellcome-funded research papers, and confirm compliance by providing the PMCID identifier for these, before the award letter can be issued. You can find further guidance in our open access policy statement and authors' information.

<table>
<thead>
<tr>
<th>Research output</th>
<th>Statement</th>
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</table>

**How many peer-reviewed publications have you authored/co-authored?**
Include systematic reviews and meta analyses but exclude abstracts and literature reviews.

We encourage you to include articles published on open research publishing platforms, such as Wellcome Open Research, providing they have passed peer review.

**Current and recent research funding (including Wellcome grants)**
List all research funding you have held in the last five years and any key funding before then.

List the most recent first. State the name of the funder, name(s) of grantholder(s), 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. State the percentage of your time spent on the research; if the grant is active state the number of hours per week that you spend on the research.

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

We look at your success in getting research funding when we assess your track record. We also want to understand how this proposal is distinct from other funding you hold.

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. (200 words max.)

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

**Training record**
Name up to five individuals you have trained, if any. State the dates of employment in your group, the position they held (for example, postgraduate student, postdoctoral research assistant) and their current position. Describe your contribution to their career development.

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This helps us assess how you have developed and mentored less experienced researchers. We take into account your career stage.

**Career contributions**
What are your most important research-related contributions? These may be from any stage of your research career. State what each contribution was, when it came about, why you think it is important and what impact it has had. Examples include publications, patents and impacts on policy. (350 words max.)

<table>
<thead>
<tr>
<th>Applications for new Fellowships only:</th>
</tr>
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<tbody>
<tr>
<td><strong>Summary of research over the last five years</strong></td>
</tr>
<tr>
<td>Provide a summary of the research you have carried out over the last five years. (300 words max.)</td>
</tr>
</tbody>
</table>

This helps us to assess the progress made with the research support you have received. The research does not need to have been funded by the Wellcome Trust.

<table>
<thead>
<tr>
<th>Applications for Fellowship renewals only:</th>
</tr>
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<tbody>
<tr>
<td><strong>Summary of research over the previous Fellowship</strong></td>
</tr>
<tr>
<td>Provide a summary of what has been achieved over the course of your previous Fellowship award (1,000 words maximum).</td>
</tr>
</tbody>
</table>

You may provide your answer to this question in text entry format or as a PDF attachment. If you are uploading your answer, the uploaded document must be in 11 point Arial font and portrait format.

The information provided will enable you to demonstrate the progress that you have made over the course of your previous Fellowship award.

(1000 words max.)

<table>
<thead>
<tr>
<th>Research group size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicate the number of people in your research group currently, and projected numbers over the duration of your award. If future numbers are not yet known, provide your best estimate. (300 words max.)</td>
</tr>
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</table>

<table>
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<tr>
<th>Personal statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describe how this Fellowship, or Fellowship renewal, would further your research and career aspirations, and its context in your longer-term vision. (300 words max.)</td>
</tr>
</tbody>
</table>
### Location of research

What scientific considerations led you to choose the proposed organisation for your research?

(300 words max.)

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### Time spent on research

What percentage of your working week will you spend on this Fellowship?

We expect you to spend about 80 per cent of your time on research-related activities. You may spend the rest of your time on other activities, such as clinical commitments, teaching or administration. If you are a clinician and you need additional time to maintain your clinical skills, contact our Science team to discuss this.

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### Clinical status

Are you a healthcare professional?

Indicate your healthcare profession

Are you clinically active?

What is your specialty?

If your specialty is not on the list, select ‘Other’ and specify.

Specify

Enter your General Medical Council (GMC) or General Dental Council (GDC) number

If you are based outside the UK you may not hold a GMC or GDC number; if that is the case, enter N/A.

Describe the clinical duties that are essential for the delivery of the proposed research. State the number of hours per week that you will spend undertaking these.

We expect you to normally spend no more than eight hours each week in routine clinical duties. Exceptions to this are when more clinical time is essential to:

- your research project; or
- the minimum requirements for the maintenance of clinical skills in your specialty. For the latter, you must give details.

Provide a justification if you will be spending more than eight hours each week in clinical work. Tell us if there any changes in the clinical load you undertake.

State the number of hours per week that will be spent on ‘routine’ clinical work or that will be needed for further training requirements.
Do you hold a Certificate of Completion of Training (CCT)?

<table>
<thead>
<tr>
<th>Date awarded</th>
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Describe the outstanding requirements for full accreditation

Do you intend to obtain/will you have an Honorary Clinical Contract at consultant level, prior to taking up an award?

<table>
<thead>
<tr>
<th>Sponsors</th>
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**Details of sponsor**
Your sponsor must be based at the administering organisation. They will usually be at the level of Head of Department or higher.

<table>
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<th>Name</th>
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<th>Current position</th>
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<th>Department</th>
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<tr>
<th>Email address</th>
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**Recommendation and institutional statement of commitment**
Upload a letter of recommendation from the sponsor in support of your research vision, together with a statement of institutional commitment. Refer to guidance notes for details on what the letters must cover.

The sponsor should give an assessment of the calibre of the applicant and explain how the applicant would complement the ongoing activities of the host environment. This should not exceed 300 words.

**Senior Research Fellowship applications - statement of commitment**
The statement of commitment must confirm that:
1) the necessary space and facilities have been agreed and will be made available to you for the Wellcome-funded research from the start of the award and for the award duration;
2) the Fellow will be granted the status and benefits of other academic staff of similar seniority; and
3) for core-funded institutions, that the research is distinct from existing core supported activities, and if awarded would not replace or lead to a reduction in existing core support.

New applicants who are awarded this fellowship after 1 October 2020 will no longer be able to apply for a renewal at the end of their award.

If you are requesting an international recruitment supplement (IRS), the sponsor must also confirm that the organisation will match the IRS amount you are requesting.
Principal Research Fellowship applications - statement of commitment

The statement of commitment must come from the organisation’s Vice-Chancellor (or equivalent) and confirm:
1) the necessary space and facilities will be made available to you for the Wellcome-funded research from the start of the award and for the award duration;
2) on termination of the award, an appropriate established position will be made available to the Fellow; and
3) for core-funded institutions, that the research is distinct from existing core supported activities, and if awarded would not replace or lead to a reduction in existing core support.

New applicants who are awarded this fellowship after 1 October 2020 will no longer be able to apply for a renewal at the end of their award.

If you are requesting an international recruitment supplement (IRS), the organisation's Vice-Chancellor (or equivalent) must also confirm in the letter that the organisation will match the IRS amount you are requesting.

You may use the same letter as provided at the preliminary application stage if it is still current and appropriate, in which case, please upload the letters as a single PDF.

Are additional sponsors required for your application?

If you propose to undertake work in a low- or middle-income country, you must identify an appropriate sponsor at your overseas organisation.

Details of additional sponsor

1

Name

Current position

Department

Organisation

Email address

Recommendation
Upload a letter of recommendation from the sponsor in support of your research vision (300 words maximum)

The sponsor should give an assessment of the calibre of the applicant and an overview of how the applicant would complement the ongoing activities of the host environment. This should not exceed 300 words.

Collaborators

Are any collaborations essential for this proposal? This could be through sharing
facilities, providing access to resources (essential reagents, samples, data) or sharing subject-specific knowledge and guidance.

List any key collaborators (name and organisation) and provide a very brief outline of their role in the proposed research.

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

I confirm that the collaborators named above 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.

Related applications

Is this or a similar application for funding currently under consideration elsewhere?

We'll consider your application even if you have a similar application being considered by another funder. If the other funder offers you funding, please tell us immediately. We will usually ask you to decide on that offer within one month. If you decide to apply to another funder with a similar application after you have applied to us, please also let us know.

Provide the name(s) of the funder(s) and the expected decision date(s).

Is this a resubmission of an application submitted to Wellcome within the last 24 months?
Contact us before resubmitting an application.

How is this application different?
(200 words max.)

Research summary

Research summary
Provide a summary of your proposed research, including key goals, for an expert audience.
(200 words max.)
The summary should be as complete as possible within the word limit. Include key words that best describe the proposal to enable text searching.

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).

Lay summary
Provide a summary of your proposed research for a non-specialist audience. You don’t need to oversimplify your research, but try to explain it as clearly as possible. Write in the first person (“I” and “we”) and structure your summary in this order: background to the research problem; your approach; expected impact of your work. 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.

We may use this to describe your research on our website and elsewhere (we publish summary details of all our awards).

Example of a lay summary
In response to stress and environmental changes, bacteria generate hundreds of small RNA molecules that have key roles in regulating gene expression. This process of riboregulation involves chaperone proteins that facilitate the actions of regulatory RNAs, and enzymes that affect RNA transcript lifetimes. I aim to understand the molecular basis of riboregulation by taking a multidisciplinary approach. I will use biochemical and structural analyses, including cryoEM and cryoET, to visualise how RNA transcripts are captured and channelled to active sites, either for degradation or processing. I will also identify the RNA targets of chaperone proteins and the degradative machinery, and explore whether the patterns change with physiological state or during the cell cycle, and why. These studies will help to explain how small RNAs enhance the speed and accuracy of bacterial genetic regulation, enriching the capacity of the simplest organisms to exhibit complex behaviour.

Research vision
Describe your research vision
Ensure that this addresses the aims and key research questions, how this research will advance your field and the research approaches you will take (3,000 words maximum). Refer to the guidance notes before completing this section.

If you do not understand any part of this guidance, contact us for advice.

The word count must not exceed 3,000 words in total, excluding graphs, figures etc. You may provide your answer to this question in text entry format or as a PDF attachment. If you are uploading your research vision, the uploaded document must be in 11 point Arial font and portrait format. If you are including figures refer to the guidance notes to this question, ‘Additional information’, and do not exceed the equivalent of two A4 pages of these.

If you are requesting support for a clinical trial, provide full details, including study design, in the clinical trial section of the form.

Aims and key research questions
Describe the key questions that you will address through your proposed research programme. If your research is not driven by an underlying hypothesis, describe how the research will lead to progress in the field.

Research approaches
Explain your approach to exploring your research questions by describing the key lines of enquiry you will follow, the rationale for your choices and how this plan will enable you to achieve your research vision. Highlight any potential problems and how you might address them. You do not need to include methodological detail; however, you must make clear what you intend to do and how you intend to do it.

Low- or middle-income country setting
If you are a low- or middle-income country national proposing to work in a low- or middle-income country, describe the relevance of the proposed research to the low- or middle-income country setting.

Additional information
Figures and additional information cannot exceed 2 A4 pages. Embed it in your upload for your research vision or upload it under 'Additional information'. If you choose to embed this information, any text present (such as legends, labels, or captions) can be excluded from the word count. If it exceeds two pages of A4 we will return your application to you to reduce the amount of information.

You must provide all information pertinent to your grant proposal within the application form. Do not refer to additional unpublished information on personal websites.

(3000 words max.)

Does your proposal involve human participants?

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 further information, read Wellcome’s clinical trials policy.

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

Details of studies involving human participants including clinical trials
Describe the study design. This should include, as applicable:
- number of participants in each group;
- type, frequency and duration of interventions and/or health outcome measures;
- frequency and duration of planned follow up;
- any other activity with potential significant risks to participants;
- details of any investigational product, focusing on manufacture, quality and consistency.

(300 words max.)

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
• process-of-care-changes

What are the primary and secondary outcome measures, and how will you assess these?
(200 words max.)

Outline your strategy for recruitment and describe the inclusion/exclusion criteria for study participants (if applicable). How will you allocate participants to study groups?
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.
(350 words max.)

Detail and justify the power calculation, sample size and proposed statistical analysis, including any interim analyses and/or subgroup analyses. What are the proposed methods for protecting against sources of bias?
(200 words max.)

Describe the supporting personnel and infrastructure that you’ll use to deliver the proposed research (for example key support staff, roles of team members, participating centre(s) or facilities). Detail any activities a third party will undertake, and explain what agreements or formal contracts will be in place.
(200 words max.)

How have you involved patients, participants, patient advocacy groups or communities in developing this proposal?
(200 words max.)

Additional information
Figures and additional information cannot exceed 2 A4 pages.

You can upload additional information here or embed it in your upload for your proposal. If you choose to embed this information, any text present (such as legends, labels, or captions) can be excluded from the word count. If it exceeds two pages of A4 we will return your application to you to reduce the amount of information.

This form asks for all the information we need to consider your application. Do not provide extra information (such as letters of support) unless we ask for them.

Key references
Give the citation in full, including title of paper and all authors.

You may provide up to the equivalent of two A4 pages of references. 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. For citations to preprints, state Preprint, the repository name and the article persistent identifier (e.g. DOI).

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.

### 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. Our guidance on developing an outputs management plan, which includes a link to some good examples, is available here.

If an outputs management plan is not required, please briefly explain why below. (700 words max.)

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

You should use the following questions as a template for your answer.

1) For data, software and materials outputs
   I. What outputs will your research generate?
   II. What metadata and documentation (e.g. the methodology of data collection and way of organising data) will accompany the outputs?
   III. When will these outputs be made available?
   IV. Where will you make these outputs available?
   V. How will they be discovered and accessed by the research community? (e.g. via presentations/press releases)
   VI. Are there possible restrictions to data sharing or embargo reasons?
   VII. How will data and metadata be stored, backed up and preserved?
   VIII. What resources (e.g. 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 on the webpage. This includes additional points you must specify when your outputs include participant data.

2) For intellectual property outputs
   I. What IP will your research generate?
   II. How will you protect this IP?
   III. How will the IP be used to achieve health benefits?
   IV. Provide the name and contact details for the person in your organisation (e.g. Technology Transfer Officer or Business Development executive) who can act as a point of contact for Wellcome in connection with the protection and commercialisation of this IP.

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 required, select ‘Not applicable’.

### Public engagement
How could members of the public and non-academic communities, inform, use, or find value in your research?  
(250 words max.)

| We want to foster a culture that values, recognises and better supports public engagement with research. Successful applicants are encouraged to apply for additional funds to support their engagement plans through our Research Enrichment scheme. Further information on the scheme and on Wellcome’s approach to public engagement is available on our website.  
Engagement that is essential for the ethical conduct of your research, such as patient information leaflets or community advisory boards, should be part of your research methodology. You should include costs for this within your main research costs. |

| Have you discussed your ideas and plan with your institutional Public Engagement Officer (if you have one?) |

Answers to this question are for monitoring purposes only. You will not be penalised for answering ‘no’. However, we strongly recommend you utilise any institutional public engagement support available in planning your approach.

| Work abroad  
Do you propose to work abroad during the course of your fellowship? |

| Senior Research Fellowship applicants may request support for a period (12 months or more) of work in a country other than that of the home administering organisation. In these cases, they need a sponsor both in their home organisation and in the non-home country organisation.  
The description under ‘Research vision’ should make clear which parts of the project are to be carried out in each organisation. |

| Work abroad  
1 |

| Name of host overseas organisation |

| Address of host overseas organisation |

| Duration of trips (specify weeks, months) and justification for each.  
(300 words max.) |

| Location of activity |
Will the funded activity take place at more than one location?
List any locations outside of your administering organisation where you will be conducting research or redirecting funds. This includes, but is not limited to, anywhere in receipt of indirect funding, fieldwork sites, and time spent working in another organisation/laboratory. This does not include conference attendance.

For each location, select the organisation and then select ‘Edit’ to add the 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.

Costs requested and justification

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.
If we cannot award in the currency requested, we will talk to your administering organisation about using another.

Is this your local currency?

What is your local currency?

Explain why you are requesting costs in the selected currency and what exchange rate you have used. (100 words max.)

Salaries
Are you requesting salaries?
For details of what staff costs you can request and how to cost fellows’ salaries, refer to the relevant scheme page and check the guidance notes for this question.

Detail the salaries requested for all staff, including the applicant, to be funded on the grant.
Provide the names of individuals for posts involving the handling of, and research on, non-human primates. Whilst your application is being considered, you must notify us of any change to the individual(s) named in the application.

Definition of terms

Staff category: For example: Postgraduate research assistant; Postdoctoral research assistant; Technician; Fieldworker. Specify the level of seniority of the post where relevant, e.g. Junior postdoctoral research assistant; Senior postdoctoral research assistant.

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

Basic starting salary: Annual salary to be paid to the individual upon 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 (e.g. for the UK, National Insurance contributions) and contributions towards an organisational pension scheme.

### Salaries

<table>
<thead>
<tr>
<th>Staff category</th>
<th>Name (if known)</th>
<th>Basic starting salary (p.a.)</th>
<th>Salary grade / scale</th>
<th>Period on project (months)</th>
<th>% time</th>
<th>Total</th>
</tr>
</thead>
</table>

**Justification for salaries requested**

Specify the role and responsibilities for the staff requested. Justify the type and seniority, including the level of salary requested, of each post. (300 words max.)

### Materials and consumables

Are you requesting materials and consumables?

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

- laboratory chemicals and materials (e.g. 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 per staff member per year.

### Materials and consumables

<table>
<thead>
<tr>
<th>Description</th>
<th>Total</th>
</tr>
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</table>

Justification for materials and consumables.
(300 words max.)

### Animals

Are you requesting animals?

In order 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.

If appropriate, costings can be clarified under 'Justification for resources requested'.

We may ask for more detailed costing information where a large number of animals and/or substantial costs are involved.

### Animals
### Associated animals costs

**Description**

<table>
<thead>
<tr>
<th>Total no. to be purchased</th>
<th>Total purchase cost</th>
<th>Total maintenance and procedures cost</th>
<th>Total</th>
</tr>
</thead>
</table>

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.

### Justification for animal costs.

(300 words max.)

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

### Equipment

Are you requesting equipment or equipment maintenance?

The organisation's Director of Procurement/Head of Purchasing (or equivalent) must be aware of all potential capital purchases and we require organisations to use best procurement practice when purchasing equipment with Wellcome Trust funds.

**Equipment to be purchased**

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.

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 purchased. We will fund reasonable maintenance costs for four years after the initial period of warranty on all equipment (irrespective of the length of award made), where 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

<table>
<thead>
<tr>
<th>Type of equipment</th>
<th>No. of items</th>
<th>Cost per item</th>
<th>Cost of maintenance contract</th>
<th>Contribution from other sources</th>
<th>Total</th>
</tr>
</thead>
</table>

### Maintenance for existing equipment
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.

Justification for equipment and equipment maintenance costs.
(300 words max.)

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; and
- any other individuals likely to use the equipment.

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

We require 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 stated in the quote. We expect a contribution from the host organisation, or other source, if your application includes a substantial equipment request.

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

**Synchrotron radiation sources**

Will you need access to a synchrotron source?

We collect data on access to synchrotron sources for information purposes.
Apply directly to the synchrotron facility you want to use.

**Which source(s) will you be applying to? (Select all that apply)**

Specify:

Are you requesting costs from us relating to Synchrotron radiation sources?

These facilities are normally free for researchers who are prepared to publish their results in the public domain. If this is not the case, you can request access costs in the ‘Access charges’ section. You can also request related costs for travel and subsistence in the ‘Travel and subsistence’ costs section.

**Access charges**

Are you requesting access charges?

Access charges
Details of equipment/facility | Original source of funding | Wellcome Trust grant number, if applicable | Standard access charge per unit | Specify unit | No. of units to be used for this project | Total
--- | --- | --- | --- | --- | --- | ---

Justification for access charges. (300 words max.)

Travel and subsistence
Are you requesting travel and subsistence?

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

Conference attendance
The lead applicant and any research staff to be employed on the grant can request costs to attend academic/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 staff. Specify the amount being requested per person and tell us how you calculated any carbon offset costs.

Collaborative visits
If you are requesting costs for collaborative visits, state the host organisation and provide a detailed breakdown of the travel and subsistence costs. You can include the cost of carbon offsetting the travel involved. Justify the need for each visit, its duration and your mode of transport separately, and tell us how you calculated any carbon offset costs.

Other travel related to this grant
You can request costs for other essential visits, for example for sample collection and trips to facilities. You can include the cost of carbon offsetting the travel involved. Justify the need for the visit, its duration and your mode of transport separately, and tell us how you calculated any carbon offset costs.

Travel and subsistence
Description | Total
--- | ---

Include conference attendance, collaborative visits and other travel related to this grant separately. Where necessary, please state the host organisation. Find out more about our carbon offset for travel policy here (LINK to policy).

Conference attendance
The lead applicant and any research staff to be employed on the grant can request costs to attend academic/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 staff. Specify the amount being requested per person and tell us how you calculated any carbon offset costs.

Collaborative visits
If you are requesting costs for collaborative visits, state the host organisation and provide a detailed breakdown of the travel and subsistence costs. You can include the cost of carbon offsetting the travel involved. Justify the need for each visit, its duration and your mode of transport separately, and tell us how you calculated any carbon offset costs.

Other travel related to this grant
You can request costs for other essential visits, for example for sample collection and trips to facilities. You can include the cost of carbon offsetting the travel involved. Justify the need for the visit, its duration and your mode of transport separately, and tell us how you calculated any carbon offset costs.
Justification for travel and subsistence costs.  
(300 words max.)

### Miscellaneous costs

**Are you requesting miscellaneous costs?**

Provide a detailed breakdown of the miscellaneous costs requested. Enter costs that do not fall under any other category in this section. These may fall under specific subheadings (such as Overseas allowances and Research Management costs); where they do not, select Other and type a description of the item.

**International recruitment supplement**
If you are requesting an international recruitment supplement (IRS), provide a breakdown of the IRS costs. Do not include the contribution from your organisation For further information on the IRS, please see the scheme webpage.

**Personal removal expenses**
If you are not requesting an International Recruitment Supplement, we will consider contributing towards your personal removal expenses if you will be relocating to take up the award. See the scheme webpage for further information on how much you may request. You must provide a justification for the expenses in your application, with an estimate of the costs.

**Research management and support costs**
Where research management and support costs 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.

**Working abroad**
If costs are requested for the applicant(s) and/or research staff to be employed on the grant to carry out any of the proposed research abroad, state the overseas host organisation, and detail the travel costs and other overseas allowances. Allowances should be itemised. Further guidance can be found on the scheme webpage.

### Miscellaneous - other

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Justification for miscellaneous costs.  (300 words max.)</td>
<td></td>
</tr>
</tbody>
</table>

### Overheads under miscellaneous costs heading?

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?

We don't cover overheads if the administering organisation will include the sub-contracted funding in its annual report to the
Confirm that the university will not include these subcontracted costs in its annual return for the UK Charity Research Support Fund.

### Summary of costs requested

<table>
<thead>
<tr>
<th>Total</th>
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<tr>
<th>Total</th>
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</table>

### Full economic costing

**Is your organisation based in the UK?**

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

**What is the total full economic cost of your research proposal (£)?**
Include inflation in your costs at the percentage rate currently used by your administering organisation.

### Research involving human participants, human biological material and identifiable data

**Does your project involve human participants, human biological material, or identifiable/potentially identifiable data?**

*This information is intended to provide advice on how to complete these questions. It is not a comprehensive review of the legal and regulatory environment in which your application is made.*

*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 for information on what we expect from the researchers and organisations we fund.*

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

- human participants
- human biological samples
- personal data.

*The Data Protection Act 2018 defines personal data as any information relating to an identified or identifiable living person. For example, a person who can be identified either:*

- directly from that information*
or
- indirectly by combining it with other available information.

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 require a licence from the HFEA (see the HFEA website for more information).

If your proposal involves research on gene therapy which requires 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).

You must get ethical review in all countries where any part of the research is to take place. Read our guidance for research involving people living in low- and middle-income countries.

You must have all the necessary relevant regulatory and ethical approval in place at all relevant times during the project. These must be in place for every site where research will be carried out.

<table>
<thead>
<tr>
<th>Confirm that you have read our guidance on the feedback of health-related findings in research and that you are in the process of considering your approach to this.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Who has, or will, review the ethics of the project and when? Detail any other regulatory approvals you have obtained, or will seek. 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.</td>
</tr>
<tr>
<td>Do you propose to use facilities, staff or patients within the National Health Service (NHS) in the UK?</td>
</tr>
<tr>
<td>By agreeing to fund work which requires NHS support, Wellcome agrees to abide by the Statement of Partnership on Non-commercial R&amp;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 &amp; Social Care, published by the Department of Health in England can be downloaded from the Department of Health website <a href="http://www.dh.gov.uk/health/category/research">http://www.dh.gov.uk/health/category/research</a>. Wellcome cannot act as sponsor.</td>
</tr>
<tr>
<td>Have you completed a Schedule of Events Cost Attribution Tool? This must be signed off by an AcoRD specialist. Download a template SoECAT from the NIHR website. Read our guidance on why you need to complete a SoECAT.</td>
</tr>
<tr>
<td>Explain why you have been unable to complete a Schedule of Cost Attribution Tool. You can submit your SoECAT whilst 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 HRA approval (or equivalent). (100 words max.)</td>
</tr>
</tbody>
</table>
Do you need a formal sponsor for the project? For example under the Medicines for Human Use (Clinical Trials) Regulations or the Research Governance Framework for Health and Social Care and equivalent guidance.

Which organisation(s) have agreed to fulfil this role? Wellcome cannot act as sponsor.

Confirm you have in place or you will seek appropriate informed consent to use any potentially commercially exploitable results from tissues or samples derived from human participants.

Please answer ‘not applicable’ if no potentially commercially exploitable results (based on human tissues or samples) will be produced during the course of the proposed research.

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.

Confirm that the trial will be registered on one of the following:
- the International Standard Randomised Controlled Trial Number Register (ISRCTN)
- ClinicalTrials.gov
- another register listed on the WHO International Clinical Trials Registry Platform (ICTRP).

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

Proposals involving animals

Select any of the following that apply to your proposed work:
(Proposal involves the use of animals, Proposal involves the use of animal tissue, Neither of the above)

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 the Wellcome Trust’s policy on the use of animals in medical and veterinary research on our website.

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 in order 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, and/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;
• the experimental design (for example, the choice of species and the group size employed);
• the techniques applied;
• the end points of the procedures; and
• care of the animals before, during and after a procedure.

For further information about the National Centre for the Replacement, Refinement and Reduction of Animals in Research (NC3Rs), see www.nc3rs.org.uk

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 any of the following species you will use:
(Primate, Cat, Dog, Equidae, Pig, Genetically Altered Animals, Other animals)

The NC3Rs will review all applications involving the use of primates, cats, dogs and equidae animals, or their tissue/data.

All proposed research projects involving genetically altered mice are expected to consider the principles of welfare assessment set out on the NC3Rs website.

Select 'Add' to enter the animal species and total numbers required (this may differ from the number to be purchased, maintained).

<table>
<thead>
<tr>
<th>Animal species</th>
<th>Strain (if appropriate)</th>
<th>Total number required to carry out proposed work</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

Provide a justification of the proposed sample size alongside details of the planned statistical analyses. Describe experimental design, including any plans to reduce bias such as blinding or randomisation if appropriate. You must include power calculations if appropriate. (1,000 words max.)

You may provide your answer to this question in the field provided (text entry format) or as a PDF attachment (upload format). If you are uploading your answer, the uploaded document must be in 11 point Arial font and portrait format.

For each species, you must ensure that adequate experimental detail is provided to justify both the use and number of animals. This should include:
• definition of unit of analysis (i.e. N referring to animal or sample number);
• means of avoidance of bias (e.g. blinding or randomisation);
• statistical analysis to be used and explanation of how sample and/or group size was derived;
• where repeated measures are used, the number of time points;
• an indication of number of replications of each experiment to mitigate spurious non-replicable results.

You may include tables and figures in this section to help justify animal numbers. You can find additional guidance on designing animal experiments through the NC3Rs Experimental Design Assistant.

(1000 words max.)
Why are the species to be used the most appropriate? (250 words max.)

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

Does your proposal include procedures to be carried out on animals in the UK which require a Home Office licence? Your organisation must ensure that research involving the use of animals complies at all times with UK laws and regulations.

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

Provide the name of the licence holder and the PPL number.

Detail your plans and timelines for acquiring the appropriate licence.

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.

Provide details of any moderate, severe or non-recovery procedures (250 words max.)

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

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. (1000 words max.)

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 accord with the principles of UK legislation. Furthermore, the housing and care of animals must similarly accord with the standards and principles of UK legislation.

You should refer to NC3Rs guidance on carrying out work abroad and choosing contractors: https://www.nc3rs.org.uk/news/choosing-contractors-animal-research

Why is animal use necessary: are there any procedures of less severity that could be used?
### Non-human primates

If you are exclusively using already generated tissue or data in the proposed experiments answer all relevant questions as thoroughly as possible, in particular the questions relating to housing and procedures. If a question is not relevant you can answer N/A, but we may request additional information if necessary for assessment.

<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>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: Primate accommodation, care and use’?</td>
<td>Explain why not</td>
</tr>
<tr>
<td>Will it be necessary to transport the non-human primates (i.e. from breeding facility and within the host organisation environment)?</td>
<td>Indicate approximate journey times and the measures that will be taken to minimise the potential stress during transport.</td>
</tr>
<tr>
<td>Provide details of the housing for the animals, e.g. enclosure size, environmental enrichment.</td>
<td>See the NC3Rs guidance on animal housing and husbandry for further details.</td>
</tr>
<tr>
<td>Will single housing of the non-human primates be necessary at any time?</td>
<td>Provide a justification for single housing, its duration, and what additional resources will be provided to the animals to minimise the impact on animal welfare.</td>
</tr>
<tr>
<td>Describe the experimental procedures involved and how any pain, suffering, distress and/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)?</td>
<td>Will any of the experimental procedures involve food and/or water restriction? Justify why this is necessary and outline what alternatives have been considered.</td>
</tr>
<tr>
<td>Question</td>
<td>Answer</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>Will any of the experimental procedures involve restraint?</td>
<td></td>
</tr>
<tr>
<td>What alternatives have been considered? Describe the nature of the restraint, its duration and frequency, and what will be done to avoid distress.</td>
<td></td>
</tr>
<tr>
<td>What prior experience and training in non-human primate use, care and welfare will you require of the staff named in the application? What provision are you making for continuing professional development in these areas?</td>
<td></td>
</tr>
<tr>
<td>Will any of the staff involved require specific training for any of the procedures concerned?</td>
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</tr>
<tr>
<td>Provide details of the training needed and where it will be undertaken.</td>
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</tr>
</tbody>
</table>

**Cats, Dogs, Equidae and Pigs**
If you are exclusively using already generated tissue or data in the proposed experiments answer all relevant questions as thoroughly as possible, in particular the questions relating to housing and procedures. If a question is not relevant you can answer N/A, but we may request additional information if necessary for assessment.

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>From where will the animals be sourced?</td>
<td></td>
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<tr>
<td>Will it be necessary to transport the animals?</td>
<td></td>
</tr>
<tr>
<td>Indicate approximate journey times and the measures that will be taken to minimise the potential stress during transport.</td>
<td></td>
</tr>
<tr>
<td>Are animals to be imported?</td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>Provide details of the housing for the animals, e.g. enclosure size, environmental enrichment.</td>
<td></td>
</tr>
</tbody>
</table>

*Please see the NC3Rs guidance on animal housing and husbandry for further details: https://www.nc3rs.org.uk/3rs-resources/housing-and-husbandry*
Will single housing of the animals be necessary at any time?

Provide a justification for single housing, its duration, and what additional resources will be provided to the animals to minimise the impact of the single housing.

Describe the experimental procedures involved and how you will minimise any pain, suffering, distress and/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, where relevant, the humane endpoint criteria established for the study. (1000 words max.)

Will any of the experimental procedures involve restraint?

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 provision are you making for continuing professional development in these areas?

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

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

**Risks of research misuse**

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

*Wellcome encourages applicants and their host organisations to consider carefully any risks that the potential outcomes*
(information, products or technologies) of the research could be misused for harmful purposes. These include actions that pose a significant threat to humans, animals, plants or the environment - including terrorist misuse.

Examples of possible research areas that are associated with dual-use risks of this type, include (but are not restricted to) research that aims to:

- 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

Have you identified any tangible risks of this type?

<table>
<thead>
<tr>
<th>Have you identified any tangible risks of this type?</th>
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</thead>
</table>

Briefly describe these risks and explain how you and your organisation will manage them. (250 words max.)

<table>
<thead>
<tr>
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</tr>
</thead>
</table>

Where you judge there are tangible (real and non-hypothetical) risks that the proposed research will itself 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 on-going 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.

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. We recognise that most research could conceivably generate results that might hypothetically be misused at some point in the future, and we are not asking applicants to appraise these kinds of remote and hypothetical risks.

Refer to the joint BBSRC, MRC and Wellcome policy and position statement on managing risks of research misuse, and our guidelines on good research practice.

Freedom to operate/conflicts of interest

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

In particular, consider the following:

- 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 and/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.

(250 words max.)

Refer to Clause 8 of our Grant Conditions at www.wellcome.org/funding/managing-grant/grant-conditions.

Disclose all relevant information pertinent to your grant proposal, including proprietary information where appropriate, to provide the most comprehensive picture of how any commercial/IP matters may affect the delivery of your proposed
Describe any conflicts of interest which might affect your ability to carry out the proposed research and/or to share or commercialise the research outputs. Explain how you and your organisation will manage these and how you will comply with your organisation’s requirements in relation to conflicts of interest.

In particular, consider the following: Does anyone involved in your project hold 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?

Confirm in each case whether the conflict has been disclosed to your organisation.

(250 words max.)

Refer to our policy on conflicts of interest related to Wellcome-funded researchers and commercial organisations: www.wellcome.org/funding/managing-grant/policy-relationships-between-trust-funded-researchers-and-commercial-organisations.

If you are satisfied that there are no issues, enter N/A.

Carbon offset for travel

Are you requesting costs to offset the carbon emissions involved in your travel?

How much are you requesting for carbon offset costs ()? You must also enter this amount under travel and subsistence in the ‘Costs requested’ section.

How much carbon will this offset (in tonnes)?

Are you requesting costs for alternatives to travel, so you can travel less?

How much are you requesting for these alternatives ()?

How much carbon will you save by using alternatives to travel (in tonnes)?

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?

Specify