Application summary

Application title
This is the title of your proposed project.

Proposed duration of funding (months)
Collaborative Awards in Humanities and Social Science can last up to five years (60 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.

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 funding area
Select the most relevant area, based on the key aims of the research.

Select 'Medical Humanities' if your proposal uses a predominantly humanities approach.

Select 'Social Science and Bioethics' if your proposal uses a predominantly social science approach, or involves a normative, empirical or conceptual ethical enquiry.

Lead applicant

Lead applicant details	
Full Name	
Department	
Division	
Organisation	
Address Line 1	
City/Town	
Postcode	
Country	
Telephone No.	
Email Address	

ORCID iD	
ORCID iD	

Career history (current/most recent first)				
From	**To**	**Position**	**Organisation**	

Education/training				
From	**To**	**Qualification**	**Subject**	**Organisation**

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 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.

Clinical status Do you have a medical, veterinary, dental or clinical psychology degree?	

Specify

Are you clinically active?	

What is your specialty?

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

Specify

Career breaks Have you taken any career breaks or periods of part-time work, for example parental, long-term sick leave, carer responsibilities?	
We encourage applications from researchers who have taken career breaks. We want to ensure that any such breaks are taken 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?	
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.*	

Experience relevant to this proposal Summarise your key achievements and experience, relevant to this proposal. State which period of your career they relate to. You do not need to list all of your positions. (350 words max.)

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.)

Research outputs List 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). Research outputs may include (but are not limited to): • Peer-reviewed publications and preprints; • Policy guidelines or briefings;

- Datasets, software and research materials;
- Inventions, patents and commercial activity.

For original research publications, indicate those arising from Wellcome funded grants in bold, and provide the PubMed Central ID (PMCID) reference for each of these. You can find more information on this in the guidance to this question.

Give the citation in full, including the title of paper and all authors (unless more than 10, in which case you may use 'et al', ensuring that your position as author remains clear). Citations to preprints must state "Preprint", the repository name and the articles persistent identifier (e.g. DOI).

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.

Please tell us if any publications are:
- *in press*
- *accepted subject to revisions*
- *submitted or under review.*

If you have any updates during the application process, please let us know.

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.

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.

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 Trust 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.

Time spent on research
How many hours per week do you spend on research?

How many hours per week will you spend on this project?

Letter of support
Upload a letter of support from your host organisation.

Applicants

Applicants should be actively involved in the project.

1

Applicant	
Full Name	
Department	
Division	
Organisation	
Address Line 1	
City/Town	
Postcode	
Country	
Telephone No.	
Email Address	

Career history (current/most recent first)				
From	**To**	**Position**	**Organisation**	
Education/training				
From	**To**	**Qualification**	**Subject**	**Organisation**

Applicants are expected to be actively involved in the project.

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 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.

Experience relevant to this proposal
Summarise your key achievements and experience, relevant to this proposal. State which period of your career they relate to. You do not need to list all of your positions.
(350 words max.)

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.)

Research outputs
List 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).

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

For original research publications indicate those arising from Wellcome-funded grants in **bold**, and provide the PubMed Central (PMCID) reference for each of these. You can find more information on this in the guidance to this question.

Give the citation in full, including the title of paper and all authors (unless more than 10, in which case you may use 'et al', ensuring that your position as author remains clear). Citations to preprints must state "Preprint", the repository name and the articles persistent identifier (e.g DOI).

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.

Please tell us if any publications are:
- *in press*
- *accepted subject to revisions*
- *submitted or under review.*
If you have any updates during the application process, please let us know.

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.

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.

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 Trust 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.

Time spent on research
How many hours per week do you spend on research?

How many hours per week will you spend on this project?

Letter of support
Upload a letter of support from your host organisation.

Applicant details summary		
Complete summary details for the lead applicant and each applicant listed above.		
Name	Organisation	Role in project

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.	

If the answer is 'Yes', you will be asked to provide information about these collaborators and to confirm their willingness to participate in the proposed research.

What is the difference between a co-applicant and a collaborator?
Co-applicants will have intellectual input into, and part ownership of, the research. Collaborators are individuals named in the body of the application who may, for example, assist with specific elements of the research or provide access to resources, reagents or samples, but who would not normally be involved in the day-to-day running of the work.

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 edit your summary and then 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.

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

Example of a lay summary:
Complete diagnostic autopsies (CDA) remain the gold standard for determining cause of death, but performing them in low- and middle-income countries (LMICs) is challenging. Facilities are inadequate, skilled staff scarce and public acceptance low. A minimally invasive autopsy (MIA) procedure involving organ-directed sampling has been proposed as an alternative. Oxford University Clinical Research Unit (OUCRU) is evaluating the use of MIA in Vietnam, but the method's ultimate effectiveness will depend on its public reception. The public view on post mortem examinations and consent for them are complex and under-researched. I will use interviews, focus groups and participant observations to assess the practice and perceptions of autopsy in Vietnam and Nepal. I will investigate socio-cultural factors surrounding these perceptions and explore ethical barriers preventing autopsy uptake. I will try to determine whether MIA may be more acceptable than traditional forms of post mortem. I will then work alongside clinicians to develop more culturally sensitive and appropriate methods of obtaining consent to autopsy.

Details of research project

Provide full details of your proposal. These should include:
(a) Aims and research questions;
(b) Essential background;
(c) Approach;
(d) Expected outcomes;
(e) Timetable and milestones, where appropriate.

Do not exceed **5,000** words to describe your proposal (excluding graphs, figures, references).

Provide all relevant information within the application form; do not refer to additional unpublished information on personal websites. If you do not understand any part of this guidance, contact us for advice.

The word count must not exceed 5,000 words in total, excluding graphs, figures, references. 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 more than one organisation will be involved in the project, indicate what work will be undertaken at each organisation.

Additional information
You may provide up to the equivalent of two A4 pages of additional information. 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 the embedded information exceeds two pages of A4 we will return your application to you to reduce the amount of information.

(5000 words max.)

Does your proposal involve human participants?

Details of studies involving human participants

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 restricted 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 the strategy for recruitment and describe the inclusion/exclusion criteria for study participants (if applicable). What are the proposed arrangements for allocating participants to study groups?
(200 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 will be used to deliver the proposed research (for example key support staff, roles of team members, participating centre(s) or facilities). Detail any activity a third party is undertaking, 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
You may submit up to two A4 pages of additional information, such as graphs, figures, tables and essential unpublished data.

You can upload additional information here or embed it in your upload for your research proposal. If you choose to embed this information, you can exclude any text (such as legends, labels, or captions) from the word count. If the embedded information 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.

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. Include 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 (for example 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.

Are there any papers listed in your 'References' section as being "in press" that you wish to submit to us?

Upload papers "in press" as a single PDF.

Team composition and management
Describe why a collaborative approach is necessary for this project, the roles of all applicants and how the project will be managed and led.
(500 words max.)

Host organisation(s)
Describe the commitment/contribution, if any, that the host organisation(s) will make to this project.
(500 words max.)

Outputs management and sharing

Will your proposed research generate outputs of data, software, materials or intellectual property that hold significant value as a resource for the wider research community?	

Our Data, Software and Materials Management and Sharing Policy states that all Wellcome-funded researchers must 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. If your proposed research is likely to generate significant outputs - data, software, materials and/or intellectual property - that will hold clear value as a resource for others in academia or industry, you are required to provide an outputs management plan.

Select the approach you will use to maximise the impact of your significant research outputs to improve health and benefit the wider research community.

Provide an outputs management plan Our guidance on developing an outputs management plan sets out where such a plan is required and gives an overview of what you must consider. (700 words max.)

Your plan must be clear, concise, proportionate and focus specifically on how you will identify outputs, manage these and then use them to advance potential health benefits. Set out and address clearly the following:

1) For significant data, software and materials outputs
(i) What significant outputs will your research generate?
(ii) When do you intend to share these outputs?
(iii) Where will you make these outputs available?
(iv) How will they be discovered and accessed by others?
(v) Are limits on sharing required?
(vi) How will these outputs be preserved?

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.

3) Describe any resources that you will need to deliver your outputs management plan. Regardless of whether or not a plan is required, you must ensure that data and original software underlying published research findings are accessible at the point of publication.

Public engagement

Will you engage with the non-academic public about your work?	

We want to foster a culture that values, recognises and better supports public engagement. We encourage researchers we fund to inform, consult and collaborate with the non-academic public. Further information on public engagement is available on our website.

Provide a brief outline of your plan to engage with the non-academic public (beyond press and media activity).
Do not include engagement that is essential for the ethical conduct of your research, such as patient information leaflets or community advisory boards. This should be part of your research methodology and you can include costs for this within your main research costs.
(250 words max.)

We may provide additional support during the lifetime of the research grant, with a focus on developing the researcher's practice in Public Engagement, Diversity & Inclusion, or Open Research through our Research Enrichment scheme. Further details on the scheme, including how to apply, are available on our website.

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 country and, where applicable, state the organisation. 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.

Country	Organisation	Percentage of funds

Will you require funds to be awarded directly to more than one location?
If necessary, we can award a grant to more than one location. If you are requesting funds to be awarded directly to more than one location, state the location when providing detailed costs in the 'Costs requested' section.

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

Country	Organisation	Value of funds	Currency
			-

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.ac.uk. 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, refer to the scheme webpage and check the guidance notes for this question.	

Include the full employment costs for all staff requested.

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 / Stipends

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

Justification for personnel requested Specify the role and responsibilities for the staff requested. Justify the type and seniority, including the level of salary requested, of each post. You must also provide this information for any requests for replacement lecturers' and applicants' salaries. (500 words max.)

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

Research leave Are you requesting research leave as part of this application?	

Research leave is intended to provide an opportunity to undertake a period of research and relieve the applicant from administrative or managerial responsibilities. We will only consider research leave requests in exceptional circumstances. If your application includes a request for research leave, please ensure that this has been justified and is supported by a statement from your Head of Department.

Justification for research leave
We will consider research leave in exceptional circumstances. If you are requesting this, state the percentage of time per week you currently spend on (i) teaching, (ii) administration, (iii) clinical duties, (iv) other (please specify). Justify the research leave, including details of your research contribution to the project.
(200 words max.)

Upload the statement of support by your current Head of Department here (200 words maximum).

The letter of support should show clearly the Head's name, position and address.

Materials and consumables Are you requesting materials and consumables?	

Materials and consumables

Description	Total

Justification for materials and consumables. (500 words max.)

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

Type of equipment	No. of items	Cost per item	Cost of maintenance contract	Contribution from other sources	Total

Maintenance for existing equipment

Details of equipment/ facility	Wellcome Trust grant number	Date of purchase	End date of current contract	Total cost of contract	% time on project	Total

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.

Applicants based in a low- or middle-income country may apply for maintenance costs for equipment originally funded by us or other sources.

Justification for equipment and equipment maintenance. (500 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 is required 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.

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 here conference attendance and collaborative visits. Where necessary, state the host organisation. *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, up to the maximum annual amount specified on the scheme page. Specify the amount being requested per person.* *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. Justify the need for the visit, and its duration, in your application.*	

Travel and subsistence

Description	Total

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. *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 (for example, baggage/freight; medical insurance). Further guidance can be found on the scheme webpage.*	

Miscellaneous other

Type	Description	Total

Justification for miscellaneous costs. (500 words max.)

Are you requesting research management costs under the miscellaneous costs heading? (for low- and middle-income country organisations only)	

Upload a letter from the Finance Director of each organisation requesting research management and support costs.The letter must provide a breakdown of the costs requested and confirm that the request is a true representation of the costs incurred. These must be uploaded as a single PDF document.

Summary of costs requested	
	Total
Total	

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?	

The following notes relating to 'Research involving human participants, human biological material and identifiable data' 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.

The World Health Organization defines research with human subjects as "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 i) are exposed to manipulation, intervention, observation, or other interaction with investigators either directly or through alteration of their environment, or ii) become individually identifiable through investigator's collection, preparation, or use of biological material or medical or other records."

Our policy position on research involving human participants can be found on our website.

We require ethical approval (usually from the appropriate National Health Service (NHS) research ethics committees) for all research we fund involving human participants, human biological samples or personal data. Personal data (as defined in the Data Protection Act 2018) is any information relating to an identified or identifiable living person i.e. 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, should conform to MRC guidelines available at: http://www.highlights.rsc.mrc.ac.uk/PIHR/index.html#/?_k=opxohv and https://mrc.ukri.org/publications/browse/human-tissue-and-biological-samples-for-use-in-research/.

You should seek 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, e.g. research involving human embryos may require a licence from the HFEA (please refer to www.hfea.gov.uk for more information). If your proposal involves research on gene therapy which requires regulatory approval, you should seek this from your Local Research Ethics Committee, the University's Genetic Manipulation Committee, the Gene Therapy Advisory Committee and the Medicines and Healthcare products Regulatory Agency (MHRA).

The organisation must ensure that ethical approval is in place at all relevant times during the project. For research carried out at multiple sites, ethics committee approval must cover each site.

Where the research, or part of the research, is to be performed outside the UK, independent ethics review must be obtained. For research involving people living in low and middle income countries, see the Wellcome Trust's website.

Confirm that you have read our guidance on the feedback of health-related findings in research (available on our website) and that you are in the process of considering your approach to this.

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 lifetime of the grant, in accordance with our policy position on research involving human participants.

Do you propose to use facilities within the National Health Service (NHS) in the UK or to involve patients being cared for by the NHS?

By agreeing to fund work which requires NHS support, the Wellcome Trust is agreeing 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). Researchers 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 http://www.dh.gov.uk/health/category/research. The Wellcome Trust cannot act as sponsor.

Do you propose to use NHS facilities, staff or patients?

Have you completed a Schedule of Events Cost Attribution Tool?
This must be signed off by an AcoRD specialist. Download a template SoECAT here. See our webpage on Clinical research using NHS facilities for more information.

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.
(100 words max.)

Is a formal sponsor required 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? The Wellcome Trust cannot act as sponsor.

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?	

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

*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 (https://wellcome.ac.uk/funding/managing-grant/managing-risks-research-misuse), and our guidelines on good research practice (https://wellcome.ac.uk/funding/managing-grant/policy-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.ac.uk/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 research and the subsequent use, commercialisation and/or sharing of your research outputs.

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

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.ac.uk/funding/managing-grant/policy-relationships-between-trust-funded-researchers-and-commercial-organisations.

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

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	

Supporting information

If you wish, you can attach further supporting documents as evidence for the feasibility of your research project. It is not essential to attach these documents.

This may include letters or emails of support from organisations whose participation in, or support for, your research project is important for its success. For example, letters from organisations which will allow you to collect data (archives, healthcare

organisations) and/or prospective participants such as a patient group or a related professional organisation. The letters or emails should explain how the organisation will support, or contribute, to your research.

This section is **not** for personal or professional references. Statements of support from referees should be provided in the appropriate part of the application form.

Upload this additional information as a single PDF.