

Application summary

Application title

This is the title of your proposed project.

Proposed duration of funding (months)

The Hub Award can last up to 2 years (24 months).

Proposed start date

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

Is your application being submitted through a university?

Name of administering organisation

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

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

Letter confirming release of Group Leader

Submit a letter from the Director/Chief Executive of this organisation confirming that the Group Leader will be released as necessary to undertake his/her role as set out in this application.

Lead applicant

Lead applicant (Group Leader) details

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

The Lead applicant will act as the Group Leader for The Hub project.

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.

Experience relevant to this proposal

Summarise your key achievements and experience which are relevant to this proposal.
(350 words max.)

Summarise what you consider to be your key achievements and experience and their relevance to this proposal; state which period of your career they relate to. You do not need to list all of your positions.

Research outputs

List up to 10 of your most significant research outputs; at least five of these must be from the last five years. 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):

- Publications and preprints;
- Datasets, software and research materials;
- Inventions, patents and commercial activity;
- Digital content or film/broadcast;
- Public engagement events or exhibitions;
- Policy guidelines or briefings;
- Methodologies, including artist methodologies;

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).

Where relevant, include 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.

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.

Current and recent funding (including Wellcome grants)

List up to five key prior grants (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. If your grant is active state the number of hours per week that you spend on the project.

Include details of any recurrent or core funding support you have held in the last five years, including any Wellcome awards. Clearly state your role in obtaining the awards, for example, whether you held them in your own right as lead applicant, co-applicant, or as part of a consortium. State the value of your own component of the award and the percentage of your time spent on the project.

Leadership

Describe your leadership and management experience, including your experience of delivery, financial management and people management; and your understanding of communications. (250 words max.)

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Applicants

We expect applicant(s) to be actively involved in the project.
The Applicant(s) will be the Core Group Member(s) for The Hub project.

1

Applicant (Core Group Member)	
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
<i>Applicants should provide details of their current position (if applicable) and all previous posts held, listing most recent first, in the 'Career history' section of their profile.</i>				

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.
<i>Your source of salary may affect your eligibility - please check the scheme webpage.</i>
<i>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.</i>

Experience relevant to this proposal
Summarise your key achievements and experience which are relevant to this proposal. (350 words max.)
<i>Summarise what you consider to be your key achievements and experience and their relevance to this proposal; state</i>

which period of your career they relate to. You do not need to list all of your positions.

Research outputs

List up to 10 of your most significant research outputs; at least five of these must be from the last five years. 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):

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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.

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 funding (including Wellcome grants)

List up to five key prior grants (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. If your grant is active state the number of hours per week that you spend on the project.

Please include details of any recurrent or core funding support you have held in the last five years, including any

Wellcome awards. Clearly state your role in obtaining the awards, for example, whether you held them in your own right as lead applicant, co-applicant, or as part of a consortium. State the value of your own component of the award and the percentage of your time spent on the project.

Proposed contractual relationship to the Group Leader's organisation if the application is successful, e.g. secondment, consultancy, and an indication of the percentage of time spent on the project.

Proposed project role and responsibilities

Collaborators

Will you require any key collaborators for this proposal?

*These are people who will make a **significant** contribution towards the project, for example, assisting with specific elements of the proposed activity or providing access to resources.*

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

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

**The collaborators named may be replaced with suitable alternatives should it be necessary or appropriate to do so.*

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

Project summary

Tell us what you aim to achieve at The Hub. What questions are you seeking to explore, and why are these exciting? Why could this project not take place anywhere else but at The Hub? (200 words max.)

Wellcome uses this summary as a short form 'abstract' which enables us to classify your proposal by subject area. This summary may be disclosed on our website and may be used for other publishing purposes. For all our awards, we publish the summary as part of the grant details made available externally.

The summary should be as complete as possible within the word limit, and should include key words which best describe the proposal to enable text searching.

Details of proposal

Tell us what you plan to do at The Hub:

What your project is, including aims, objectives, background and rationale;
The transdisciplinary nature of your project and why it's innovative and experimental;
Who your project team are and how you will work together;
Why it's right for The Hub, how being based at Wellcome Collection and working with Wellcome teams will benefit your project;
Your proposed programme of work;
Your intended audiences, outputs and/or outcomes including those which might not have been otherwise achievable.

Do not use more than 5,000 words to describe your proposal.

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

(5000 words max.)

To bring a project to life you can submit up to five A4 pages of supporting material, including images, photographs, data visualisations and diagrams. This should not include more than 500 words of text.

The additional information may be embedded in the text of your file upload or attached here as a separate file. If you embed this information, any text present (such as legends, labels or captions) can be excluded from the word count.

References

You should give citations in full, including title of paper and all authors.

You may provide up to the equivalent of two A4 pages of references. Ensure that all references are pertinent to your proposal and are cited in full, including all authors, the full title of each publication, journal title, year, volume and pages. Citations to preprints should state "Preprint", the repository name and the article persistent identifier (e.g DOI). Non-academic titles, such as social media or web citations, should be referenced according to recognised academic convention.

References with more than 10 authors may be shortened to et al, but clearly state your position as author (if applicable).

Project management

Management and staff structure

We would like details of the management and staff structure that will develop and execute the project. Who will be on your project team? How will the project be staffed and managed? We would

like an idea of proposed working patterns at The Hub.
(500 words max.)

Timetable

Set out a timetable for the project, showing 'milestones' and evaluation stages.

Sustainability/ Legacy

How will the development of the project be distinct from and additional to your core business? What is the strategic approach to the development of the project once the grant has ended? Are there any other sources of funding?
(700 words max.)

Evaluation and dissemination

How will you know whether you have done what you set out to do? How will you use and share the learning gained from undertaking the project between Core Group Members, collaborators and others?
(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/es you will use to maximise the impact of your significant research outputs to improve health and benefit the communities you have identified as research users?

Location of activity

Will the funds awarded be allocated to 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

Sample

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?

Please refer to guidance notes and definition of terms for further details

Include the full employment costs of the salary support for the Group Leader, Members and for any staff requested.

Definition of terms

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 should be quoted on a pro rata basis.*

Cost: *Total cost of the post, inclusive of any locally-recognised allowances (e.g. 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

Name	Staff category	Salary grade / scale	Start date	Period on project (months)	% time spent on site at The Hub	Basic starting salary (p.a.)	Cost	VAT if appropriate	Total cost for the project	Total

Fees

Are you requesting fees?

Include details of any consultants or experts used to prepare these costs.

Fees

Description	Cost	VAT if appropriate	Total cost for the project	Total

Materials and consumables

Are you requesting materials and consumables?

Materials and consumables

Description	Cost	VAT if appropriate	Total cost for the project	Total

Equipment

Are you requesting equipment or equipment maintenance?

We expect applicants to consider the cost-effectiveness of the proposed purchase of equipment. The estimated price of the equipment should cover all aspects including delivery, installation, maintenance and training, where appropriate. Discounted prices should be quoted wherever possible. 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 level of discount that has been negotiated should be clearly stated in the quote.

Equipment

Description	Cost	VAT if appropriate	Total cost for the project	Total

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

Please upload a copy of at least one formal quote

If there is more than one quote, submit these as a single PDF.

Production costs, press and marketing

Are you requesting production costs, press and marketing?

Production costs, press & marketing

Description	Cost	VAT if appropriate	Total cost for the project	Total

Travel and subsistence

Are you requesting travel and subsistence?

Items that should be detailed here can include collaborative visits.

Travel and subsistence

Description	Cost	VAT if appropriate	Total cost for the project	Total

Description	Cost	VAT if appropriate	Total cost for the project	Total

Evaluation and dissemination Are you requesting evaluation and dissemination costs?	
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Evaluation and dissemination

Description	Cost	VAT if appropriate	Total cost for the project	Total

Miscellaneous costs Are you requesting miscellaneous costs?	
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We require a detailed breakdown of the miscellaneous costs requested. Costs that do not fall under any other category should be entered in this section. These may fall under the specific subheading 'Running conferences, meetings, workshops'; where they do not, select 'Other' and type a description of the item.

Miscellaneous other

Type	Description	Cost	VAT if appropriate	Total cost for the project	Total

Contingency Are you requesting contingency?	
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Contingency

Description	Cost	VAT if appropriate	Total cost for the project	Total

Description	Cost	VAT if appropriate	Total cost for the project	Total

Justification for resources requested

Justify these costs under each of the above headings (for example, "Salaries"; "Equipment"; "Miscellaneous").
(1000 words max.)

Before completing this section, check the scheme page on our website for more information on costs we will cover and disallowed costs.

If you are requesting funds for staff based in different locations, tell us where they will be working. If you are requesting funds to be awarded directly to more than one location, state in the cost breakdown where the funds are to be allocated.

Explain the need for any collaborative/overseas visits and their duration.

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

- similar equipment in your department and adjacent departments*
- the reasons why it cannot be used for this particular project*
- any other individuals likely to benefit from use of the equipment.*

Overall project cost ()

Summary of financial support requested

	Total
Total	

Research involving human participants, human biological material and identifiable data

<p>Does your project involve human participants, human biological material, or identifiable/potentially identifiable data?</p>	
<p><i>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.</i></p> <p><i>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."</i></p> <p><i>Our policy position on research involving human participants can be found on our website.</i></p> <p><i>We require ethical approval (usually from the appropriate National Health Service (NHS) research ethics committees) for all research 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.</i></p> <p><i>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.</i></p> <p><i>Where the project, or part of the project, is performed outside the UK, independent ethics review must be obtained. For research involving people living in low and middle income countries, see our website.</i></p>	

<p>Confirm that you have read Wellcome's guidance on the feedback of health-related findings in research and that you are in the process of considering your approach to this.</p>
<p><i>Wellcome's guidelines on the feedback of health-related findings in research can be found on our website.</i></p>

<p>Who has, or will, review the ethics of the project and when? Detail any other regulatory approvals you have obtained, or will seek.</p>
<p>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.</p>

<p>Do you propose to use facilities, staff or patients within the National Health Service (NHS) in the UK?</p>	
<p><i>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.</i></p> <p><i>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. The Wellcome Trust cannot act as sponsor.</i></p>	

Have you completed a Schedule of Events Cost Attribution Tool?
This must be signed off by a local Clinical Research Network 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 (or equivalent).
(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 fulfill this role? Wellcome 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, 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.

(350 words max.)

Refer to Clause 8 of our 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.