

Application summary

Application title

Proposed start date

Name of administering organisation

Lead applicant's address at administering organisation

Department/Division

Organisation

Street

City/Town

Postcode/Zipcode

Country

Science stream

Indicate the relevant Science stream for the proposed research.

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

Current/last appropriate salary details

Salary grade

Basic salary (per annum)

Currency

Date of last increment	
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Proposed starting salary for Fellow (£)

Clinical status Do you have a medical/veterinary degree?	
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Please specify

Are you clinically active?	
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What is your specialty?

Please specify

Career breaks

Have you had any career breaks or periods of part-time work, for example parental or long-term sick leave?

Please provide details

Do you wish to undertake this award part time?

Please provide a summary of your research career to date and describe how this Fellowship would further your research and career aspirations.
(700 words max.)

Peer-reviewed publications

List all publications, including original research publications and other scholarly contributions. You may provide a summary of your contribution to, or your role in, the work associated with each (e.g. intellectually conceiving or conducting the research, supervising staff, writing the paper).

For original research publications please indicate those arising from Trust-funded grants in **bold**, and provide the PMCID reference for each of these. Please refer to guidance notes.

Publications should be in chronological order with the most recent first. Please give citation in full, including title of paper and all authors.*

*(*All authors, unless more than 10, in which case please use 'et al', ensuring that your position as author remains clear.)*

Are you a named author on any Wellcome Trust funded original peer-reviewed research papers?	
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Are all your Wellcome Trust funded original peer-reviewed research papers, published from October 2009 onwards, compliant with our open access policy?	
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<p>Current and recent research funding (including Wellcome Trust grants) Please list all held in the last five years and any key prior grants (list the most recent first). State the name of the awarding body, name(s) of grantholder(s), title of project, amounts awarded, your role in the project, and start and end dates of support. For all active grants, indicate the number of hours per week that are spent on each project.</p>

<p>Recommendation by applicant's present sponsor/supervisor Please upload a letter of support from your current sponsor/supervisor (500 words maximum)</p>
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Sponsors

Sponsor

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

Title of current post

Date of appointment	
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Expected date of termination	
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Source(s) of personal salary support

Recommendation Please upload your letter of recommendation (500 words maximum)
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Research sponsors

Research sponsors

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

Title of current post

<p>Recent publications</p> <p>List no more than 10 publications that you consider the most important and relevant to this application.</p> <p><i>Publications should be in chronological order with the most recent first. Please give citation in full, including title of paper and all authors*.</i></p> <p><i>(*All authors, unless more than 10, in which case please use 'et al', ensuring that your position as author remains clear.)</i></p>

Current and recent research funding (including Wellcome Trust grants)

Please list all held in the last five years and any key prior grants (list the most recent first). State the name of the awarding body, name(s) of grantholder(s), title of project, amounts awarded, your role in the project, and start and end dates of support. For all active grants, indicate the number of hours per week that are spent on each project.

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Recommendation

Please upload your letter of recommendation (300 words maximum)

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Mentors**Details of proposed mentor**

Name, including title (e.g. Professor, Dr)	Title of current post	Department	Organisation	Country	Address	Supporting statement from proposed mentor
						-

Collaborators

Will you require any key collaborators for this proposal?

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

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

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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.

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Related applications

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

Please provide name(s) of funding organisation(s) and decision date(s)

Is this a resubmission of an application submitted to the Wellcome Trust within the last 24 months?

Please describe how this application differs from the original (200 words max.)

Research summary

Research summary

Please provide a summary of your proposed research, including key goals, for an expert audience (200 words max.)

Lay summary

Please provide a summary of your proposed research, including key goals, for a non-expert audience (200 words max.)

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Details of research project

Detail (a) Aims and research questions; (b) Work which has led up to the project; (c) Experimental approach and how challenges would be addressed; (d) Key stages in your research plans, indicating location and timelines, if known.
No more than **1,400** words should be used to describe the proposal.

(1400 words max.)

You may submit up to two A4 pages of additional information (such as graphs, figures, tables and essential unpublished data).

References You should give the citation in full, including title of paper and all authors.

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

Data management and data sharing

Will the proposed research generate data or software outputs that hold significant value as a resource for the wider research community?	
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Please provide a data management and sharing plan (700 words max.)
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Research locations

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Name of research sponsor

Organisation

Details of work to be carried out at research location with reasons for the choice of research environment (350 words max.)

Proposed time to be spent at research location (months)

Start date (if known)

Public engagement

Please provide a brief outline of your public engagement plans (250 words max.)

Please note that we provide support for Wellcome Trust funded researchers to engage with the non-academic public. Do you wish to receive information about training, funding and other public engagement opportunities?	
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Synchrotron radiation sources

Will the proposed research require access to a synchrotron source?	
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Which source(s) will you be applying to? (Please select all that apply)

Please specify:

Location of activity

Will the funded activity take place at more than one location?	
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For each location, select the country and, where applicable, state the organisation (please include the administering organisation).	
Country	Organisation

Will the funds awarded be allocated to more than one location?	
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For each location, please select the country, state the organisation and enter the value and currency of funds to be allocated. Please include the administering organisation.			
Country	Organisation	Value of funds	Currency
			-

Research involving human participants, human biological material and identifiable data

Does your project involve human participants, human biological material, or identifiable/potentially identifiable data?	
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Please confirm that you have read the Trust's guidance on the feedback of health-related findings in research and that you are in the process of considering your approach to this.

Please state by whom and when the ethics of the project has been, or will be, reviewed and specify any other regulatory approvals that have been obtained, or will be sought.

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.

In the course of your project, do you propose to use facilities within the National Health Service (NHS) or to involve patients being cared for by the NHS?

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?

Please indicate which organisation(s) has/have agreed to fulfil this role. Please note that the Wellcome Trust cannot act as sponsor.

Does your project involve a clinical trial?

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

Please upload your completed 'Clinical trials form' here

Please confirm that:

An independent Trial Steering Committee (TSC) will be established and its membership discussed with the Wellcome Trust. If any other type of independent monitor is to be implemented, please indicate and provide any relevant details below

Approval will be obtained for the trial protocol, typically by the TSC, prior to commencement of the trial.

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The trial will be registered on the International Standard Randomised Controlled Trial Number Register (ISRCTN), ClinicalTrials.gov, or on another register listed on the WHO International Clinical Trials Registry Platform (ICTRP).

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If any potentially commercially exploitable results may be based upon tissues or samples derived from human participants, please confirm that there has been appropriate informed consent for such use.

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Proposals involving animals

Please indicate which of the following apply:
(Proposal involves the use of animals, Proposal involves the use of animal tissue, Neither of the above)

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Do your proposals include procedures to be carried out on animals in the UK which require a Home Office licence? If yes, refer to notes.	
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Do your proposals involve the use of animals or animal tissue outside the UK? If yes, refer to notes.	
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If your proposals do involve the use of animals, what would be the severity of the procedures?

Please provide details of any procedures of substantial or moderate severity
(250 words max.)

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Why is animal use necessary: are there any other possible approaches?
(250 words max.)

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Indicate which of the following species will be used (Primate, Cat, Dog, Equidae, Genetically Altered Animals, Other animals)

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

Justification for animals (number and species) to be used Please include evidence or calculations for experimental group sizes, and describe any plans to reduce bias (e.g. blinding, randomisation). (500 words max.)

Primates

Do you expect facilities and practices, and the proposed research will 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' ?	
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Please explain why not

Will it be necessary to transport the non-human primates (i.e. from breeding facility and within the host organisation environment)?	
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Indicate approximate journey times and the measures that will be taken to minimise the potential
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stress during transport.

Please provide details of the housing for the animals, e.g. enclosure size, environmental enrichment.

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

Please provide details in terms of the justification for single housing, its duration, and what additional resources will be provided to the animals to minimise the impact on animal welfare.

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 ethical review process (ERP)?

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

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

Will any of the experimental procedures involve restraint?	
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What alternatives have been considered? Describe the nature of the restraint, its duration and frequency, and what will be done to avoid distress.
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What prior experience and training in non-human primate use, care and welfare have the staff named in the application had? What provision is made for continuing professional development in these areas?

Will any of the staff involved require specific training for any of the procedures concerned?	
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Please provide details of the training needed and where it will be undertaken.
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Cats and Dogs

From where will the animals be sourced?

Will it be necessary to transport the animals?	
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Indicate approximate journey times and the measures that will be taken to minimise the potential stress during transport.

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Are animals to be imported?	
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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.

Please provide details of the housing for the animals, e.g. enclosure size, environmental enrichment.

Will single housing of the animals be necessary at any time?	
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Please provide details in terms of the 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 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 ethical review process (ERP)?

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.
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What prior experience and training in animal use, care and welfare will be required of the staff named in the application? What provision is made for continuing professional development in these areas?

Will any of the staff involved require specific training for any of the procedures concerned?	
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Please provide details of the training needed and where it will be undertaken.
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Risks of research misuse

Please confirm that you have considered whether your proposed research could generate outcomes that could be misused for harmful purposes.
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Have you identified any tangible risks of this type?	
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Please briefly describe these risks and the steps that you and your organisation will take to manage them (250 words max.)

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Freedom to operate/conflicts of interest

Describe any freedom to operate issues or potential conflicts of interest that have been identified or that might arise and how these will be or have been addressed.

In particular, please consider the following:

- Do any of the individuals involved in the project hold any consultancies or equities in, or directorships of, companies or other organisations that might have an interest in the results of the proposed research?
- Will the proposed research use technology, materials or other inventions that are subject to any patents or other form of intellectual property protection?
- Will any element of the research be subject to agreements with commercial, academic or other organisations, including arrangements with collaborators named in the grant application, that might lead to intellectual property issues or restrictions?

(350 words max.)

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Wellcome Trust supported facilities

<p>Will the research project be based in one of the following Wellcome Trust supported facilities:</p> <ul style="list-style-type: none">• the Wellcome Trust Sanger Institute• a Wellcome Trust Centre• a Major Overseas Programme• the Francis Crick Institute?	
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Please specify