

Application summary

Application title

Proposed duration of funding (months)

Proposed start date

Name of administering organisation

Lead applicant's address at administering organisation

Department/Division

Organisation

Street

City/Town

Postcode/Zipcode

Country

Lead applicant

Lead applicant details

Full Name

Department

Division

Organisation

Address Line 1

City/Town

Postcode

Country

Telephone No.

Email Address	
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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

Are you requesting your salary as part of this application?	
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Current basic salary (per annum)

Currency

Is current salary provided by a Wellcome Trust grant?	
--	--

Please give the Wellcome Trust grant number

Clinical status Do you have a medical/veterinary degree?	
--	--

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?

Summary of career

Summary of career to date and how this relates to your ability to deliver the proposed project (500 words max.)

Publications

Applicants should provide references or examples to five key achievements over the past five years which may include any of the following:

- i) inventions protected by intellectual property rights that have been developed commercially and/or adopted;
- ii) patents that have been issued;
- iii) peer-reviewed publications.

You may also provide a statement describing the significance of each achievement listed (up to 50 words per achievement).

Are you a named author on any Wellcome Trust funded original peer-reviewed research papers?

Are all your Wellcome Trust funded original peer-reviewed research papers, published from October 2009 onwards, compliant with our open access policy?

Current and recent funding (including Wellcome Trust grants)

Please list all held in the last three 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 or enterprise, 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. Please identify with an asterisk(*) those sources of support that have contributed to the background of this proposal.

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Applicants

Joint lead applicant**1**

Joint lead 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
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Education/training

From	To	Qualification	Subject	Organisation
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Source(s) of personal salary support

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Please give the Wellcome Trust grant number

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Please specify

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What is your specialty?

Please specify

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Company information

Is the company publicly listed?	
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Company number	
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Date and place of incorporation

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Share capital

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Authorised

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Issued

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Registered holders (name, number and type)
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Registered office

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Directors

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Secretary

Accounting reference date

Previous source of funding and amount

Cash in bank and other investments

Average monthly expenditure

Board of directors

Scientific advisory board

Number of employees

Describe the company's R&D strategy with respect to the **proposed project** and describe how this proposal would integrate with the current portfolio and strategy.
(200 words max.)

Please confirm that the company has sufficient working capital for the duration of the project

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.)

Project summary

Summary of proposed project

Please provide a summary of your proposal, addressing **all** of the following points:

- (a) the unmet healthcare need
 - (b) the technology solution you will develop to address this need
 - (c) the key goals and deliverables of the discrete project
 - (d) the future potential healthcare impact of this approach
- (350 words max.)

Details of project

Current status

Please give details of the scientific background to the project including, where appropriate, the validation of the therapeutic approach, target or technology solution (700 words maximum).

Please describe:

- (a) how the pilot funding from a Pathfinder Award will make a difference
- (b) the current stage of development of your IP/technology/approach
- (c) details of the validation evidence to date and the data that supports your technology, such as prototype design, biological data or chemical structures
- (d) the key risk reducing steps to be addressed and overcome

(700 words max.)

Project plan

Define the primary objective of the proposal and briefly summarise the proposed project work plan (700 words maximum).

Include:

- (a) the specific aims and objectives
- (b) a summary of expected deliverables of the project
- (c) a description of who will be involved in the project execution (collaborators?)

(700 words max.)

Competitive advantage and strategy

(a) Describe the competitive advantage of the proposed approach and how this proposal will ultimately de-risk the technology to attract further investment.
(300 words max.)

(b) Outline the commercialisation strategy and subsequent development steps that will be required to continue the project at the end of the Pathfinder Award.

Include:

- (i) who you envisage to be taking the lead on the commercialisation or next steps
- (ii) what additional tasks will need to be performed
- (iii) any regulatory risks downstream envisaged

(500 words max.)

(c) Outline how at the end of the project the pilot work funded could be eligible for an application for a full award through Innovations current funding schemes or would be able to bridge the gap to facilitate a partner developing a product.

(300 words max.)

Additional information

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

Gantt chart

Please attach a Gantt chart or similar graphical overview of the tasks to be undertaken and their sequence and duration for the entire project. Please mark which tasks the Trust funding will be contributing to.

References

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

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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"

Partnership

Project partnership Describe the proposed partnership, summarise the key skill sets both parties will bring to the partnership, how the partnership arose and how the partnership plan to interact going forward. (350 words max.)

Summarise the matched funding the company will provide to the project Please list the detailed funding that the company will provide to the project. Match funding can come from a wide variety of sources and may include both cash and in-kind contributions.

Additional information If the company is not the planned recipient of the award, please justify the choice here. (350 words max.)

Patent information

Patent information

Please provide a summary describing the current patent status, if any. Please note if any patentable inventions might arise during the proposed project.

Intellectual property and freedom to operate

Is the proposed research, in whole or in part, subject to any legal agreements with commercial, academic or other organisations that could present a freedom to operate problem in the future?

Data management and sharing

Will the proposed research generate data or software outputs that hold significant value as a resource for the wider research community?

Please provide a data management and sharing plan (700 words max.)

Public engagement

Do you have plans for engaging with the non-academic public about your work?

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?

Synchrotron radiation sources

Will the proposed research require access to a synchrotron source?

Which source(s) will you be applying to? (Please select all that apply)

Please specify:

Are you requesting costs from the Trust?

Costs requested and justification

Please select the currency in which you wish to apply.

Is the selected currency your local currency?

What is your local currency?

Please state clearly the reasons for requesting costs in the selected currency (100 words max.)

Salaries

Are you requesting salaries?

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

Salaries / Stipends

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

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

Materials and consumables Are you requesting materials and consumables?	
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Materials and consumables

Description	Total

Animals Are you requesting animals?	
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Animals

Animal species	Total no. to be purchased	Total purchase cost	Total no. to be maintained	Average weeks' maintenance per animal	Total maintenance and procedures cost	Total

Associated animals costs

Description	Total

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

Access charges Are you requesting access charges?	
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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

Travel and subsistence Are you requesting travel and subsistence?	
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Travel and subsistence

Description	Total

Contract research organisation costs Are you requesting contract research organisation costs?	
---	--

CRO costs

Description	Total

Please upload any quote(s) for contract research organisation costs as a single PDF.

Miscellaneous costs Are you requesting miscellaneous costs?	
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Miscellaneous other

Type	Description	Total

Justification for resources requested Please provide a complete justification for all the resources requested. (700 words max.)

Full economic costing

Full economic costing (UK organisations only) We do not fund the full economic cost of research proposals, but wish to collect this data for information purposes.

Is your organisation based in the UK?	
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Is your organisation calculating the full economic cost of this proposal?	
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What is the total full economic cost (£)?	
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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?	
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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?	
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Please indicate which organisation(s) has/have agreed to fulfil this role. Please note that the Wellcome Trust cannot act as sponsor.

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Does your project involve a clinical trial?	
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Is the clinical trial covered by The Medicines for Human Use (Clinical Trials) Regulations in the UK?	
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Please upload your completed 'Clinical trials form' here
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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

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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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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?	
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If yes, refer to notes.

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.)

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

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.)

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' ?

Please explain why not

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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 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?	
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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 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?	
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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?

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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.

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?	
--	--

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.

--

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?

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

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.)

Wellcome Trust supported facilities

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

Please specify

Pre-submission