# Biotechnology and Biological Sciences Research Council ...NC3Rs/BBSRC Business Interaction Voucher application form

The NC3Rs and BBSRC are collaborating to offer Business Interaction Vouchers (BIV) that are intended to develop and expand on working relationships relevant to the 3Rs between academic and industry/SME partners, specifically within the [NC3Rs oncology, cardiovascular and NAMs Networks](https://nc3rs.org.uk/networks). The focus is on enhancing the biological relevance of models by improving their physiological accuracy and predictive validity for real-world applications.

To be eligible for funding, proposals must fall within the [BBSRC’s remit](https://www.ukri.org/councils/bbsrc/remit-programmes-and-priorities/). While the focus areas of the NC3Rs networks may not traditionally fall within this remit, BIV applications should be centered on the tools and technologies underpinning biological research that have the realistic possibility of replacing, reducing or refining the use of specific *in vivo* models or animal studies in line with the [NC3Rs mission](https://nc3rs.org.uk/who-we-are/our-mission).

## Section 1 – Applicant information

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| --- | --- |
| **Proposal title** |  |
| **Lead applicant name\*** |  |
| **Email** |  |
| **Organisation** |  |
| **Industry/SME partner contact details\*** (Please include full name, affiliation and email address)  |  |

\*Each application must include an academic and industry/SME partner. The lead applicant must be based in academia.

## Section 2 – Confirmation of eligibility

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| **Please select which NC3Rs network(s) you are a member of:** It is a requirement that applicants are a member of an NC3Rs network.  | ☐ Oncology ☐ Cardiovascular ☐ NAMs  |
| **Please confirm you are eligible for BBSRC funding:** [**Check if you’re eligible for BBSRC funding**](https://www.ukri.org/councils/bbsrc/guidance-for-applicants/check-if-youre-eligible-for-funding/) | [ ]  Yes[ ]  No |
| **Are you aware of any conflicts of interest that should be considered with regard to this proposal?** (e.g. academic applicant is a consultant, board member or shareholder in company)If 'Yes' give details below. | [ ]  Yes[ ]  No |
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## Section 3 – Project overview

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| **Project summary**The project summary should be non-confidential, as if successful, it may be made publicly available by NC3Rs and BBSRC as part of project monitoring and promotional activities.Word limit: 300 |
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| **Expected project start date and duration**Word limit: 20 |
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| **Which ‘R’ does the proposed work impact?**The NC3Rs website gives a [description of our 3Rs definitions.](https://www.nc3rs.org.uk/who-we-are/3rs#definitions-of-the-3rs) Select all that apply. | [ ]  Replacement[ ]  Reduction[ ]  Refinement |
| **Does your proposed research involve the use of vertebrate animals or other organisms covered by the Animals Scientific Procedures Act?**If you are proposing research that requires using animals, download and complete the [Animals Scientific Procedures Act template (DOCX, 74KB)](https://ukri-tfs-prod-assets.s3.eu-west-2.amazonaws.com/AnimalResearchQuestionTemplate-BBSRC.docx), which contains all the questions relating to research using vertebrate animals or other Animals (Scientific Procedures) Act 1986 regulated organisms.The file should be named 'Use of animals in research' and submitted as an appendix to the application. | [ ]  Yes[ ]  No |
| **Does your proposed research involve the use of human tissues, or biological samples?**If you are proposing work that involves human tissues or biological samples:* Provide the name of any required approving body and whether approval is already in place.
* Justify the use of human tissue or biological samples specifying the nature and quantity of the material to be used and its source.

Word limit: 200 | [ ]  Yes[ ]  No |
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## Section 4 – Proposed plans

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| **What are you hoping to achieve with your proposed work?*** Describe the scientific and 3Rs objectives of your project.
* Explain how your project meets the remit of the funding call.
* Summarise how the proposal will establish a new partnership between the academic and industry leads or develop an existing one
* Outline the potential direct and indirect benefits to your industrial partner and field of research (e.g. in terms of the underlying biological research).

Word limit: 800 |
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| **How are you going to deliver your proposed work?*** Provide a detailed and comprehensive description of your experimental plans, include supporting preliminary data (where applicable).
* Include milestones/project deliverables and a timeline in the form of a Gantt chart, or similar.
* Describe how the team and research environment will contribute to the success of the work.
* As an attachment – Include an overview of the proposed experimental design and analysis plan. This information must be provided in a mandatory appendix using one of the following options (please refer to the Applicant guidance for further information):
	1. EDA report – only for experiments using animals.
	2. Experimental design and methodology appendix. This is limited to one side of A4.

Word limit: 800 |
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| **What are the anticipated impacts of the project?**Give details about the:* Potential 3Rs impacts. Where possible, include metrics demonstrating the 3Rs impacts that will/ could be achieved and where (e.g. in your own laboratory, institution, partner lab).
* Potential for building a longer-term collaborative relationship between the academic and industry partners.
* How the project will/could benefit the partners in the future. Including for example potential savings, efficiencies, profitability, access to new markets or other benefits.
* How the proposed work would contribute to scientific advances in the respective research area.
* Additional outputs and impacts (e.g. training or secondment opportunities, knowledge and skills sharing etc).

Word limit: 400 |
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## Section 5 – Resources and value for money

### Financial breakdown of BIV request

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| --- | --- |
| **Cost category** | **Applied for (£)** |
| **Staff salary**Include the name(s) and %FTE |  |
| **Travel** |  |
| **Consumables** |  |
| **Animal costs**The costs of both the animals themselves and their maintenance may be requested and should be listed. |  |
| **Other (please specify)** |  |
| **Total**  |  |

### Financial breakdown of industry contribution

|  |  |  |
| --- | --- | --- |
| **Contribution** | **In cash (£)** | **In kind (£)** |
| **Staff salary**Include the name(s) and %FTE |  |  |
| **Travel** |  |  |
| **Consumables** |  |  |
| **Animal costs**The costs of both the animals themselves and their maintenance may be requested and should be listed. |  |  |
| **Other (please specify)** |  |  |
| **Total** |  |  |

### Justification for resources

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| **How does the proposed work demonstrate value for money?**Word limit: 200 |
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Please return your application form in PDF format along with the letter of support from the industry/SME partner as email attachments to the NC3Rs office: **3Rsgrants@nc3rs.org.uk**.

## Document checklist

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| --- | --- |
| **Attachment description (PDF format)** | **Included?** |
| Application form |  [ ]  Yes |
| Use of animals in research appendix, if applicable | [ ]  Yes [ ]  Not applicable |
| Experimental design and methodology appendix | [ ]  One-page appendix[ ]  EDA report |
| Letter of support from industry/academic partner |  [ ]  Yes |