**JUSTIFICATION OF RESOURCES**

**AMED-MRC RESEARCH COLLABORATION IN** **ENGINEERING BIOLOGY**

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| COMPLIANCE WITH THE DATA PROTECTION ACT 2018In accordance with the Data Protection Act 2018, the personal data provided on this form will be processed by UK Research and Innovation in accordance with all UK data protection legislation and may be held on computerised database and/or manual files. Further details may be found in the guidance notes and on the UK Research and Innovation Privacy Notice (<https://www.ukri.org/privacy-notice/>).This template should be completed using: Arial (or an equivalent) and a minimum font size of 11. A minimum of single line spacing and standard character spacing must be used.**Please note that sections (4) and (5) below have word and page limits respectively. Failure to respect these limits may result in the proposal being declared ineligible.**Assessors are not looking for detailed costs or a line-by-line breakdown of all project resources. Overall, they want you to demonstrate how the resources you anticipate needing for your proposed work:* are comprehensive, appropriate, and justified. and
* represent the optimal use of resources to achieve the intended outcomes maximise potential outcomes and impacts.
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1. **Summary of combined total requested**
*Please complete all boxes* (UK Pounds=185 Japanese Yen)

Funding for international partnership and mobility activities

At least 33% of the total requested funding should be used for the purpose of building and expanding networks with the partner country and promoting mobility. These expenses include the costs of organizing workshops, travel of researchers to the partner country and expenses incurred after the travel, and personnel costs for staff to coordinate the implementation of the travel and exchanges. Research expenses to be conducted in the partner country by the dispatched researchers shall be borne by the partner country and can be included in the mobility costings.

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|  | **Category** | **In Japanese Yen**  | **In UK Pounds** |
| **Japanese funding requested** (*please ensure the total matches the budget submitted to AMED)* | Research costs |  |  |
| Mobility Costs |  |  |
| Japanese Subtotal |  |  |
| **UK funding requested** *please ensure the total matches the MRC contribution (80% FEC) total on TFS* | Research costs |  |  |
| Mobility Costs |  |  |
| UK Subtotal |  |  |
| **Total funding requested** |  |  |  |

**(2) UK Applicants – All PL s and Co-PL s must be listed below and also added to the UK TFS system.** *Please provide the names, full affiliations and details of the Project Lead and all Co-Project Leads. Also include researcher(s) who plays a major role for mobility or those who participate as a next generation of researchers.*

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| **Role (PL or Co-PL )** | **Name** | **Organisation** | **Division or Department** |
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**(3) Japanese Applicants – All PL s and Co-PL s must be listed below and added to the UK TFS system.** *Please provide names, full affiliations and details of the Project Lead and all Co-Project Leads. Also include researcher(s) who plays a major role for mobility or those who participate as a next generation of researchers.*

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| **Role (PL or Co-PL)** | **Name** | **Organisation** | **Division or Department** |
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**(4) Justification of UK costs (maximum of 1500 words)**

Please break down your UK costs, **explaining** why the resources requested are appropriate for the research and mobility proposed, taking into account the nature and complexity of the proposal. It should **not** be simply a list of the resources required.

UK Mobility Costs can include.

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| Main Item  | Definition  |
| Research costs (equipment/supplies) when hosting researchers  | Research facilities/equipment/prototypes, software (ready-made goods), purchasing costs for reagents/materials/consumables for use in research |
| Travel costs for personal exchanges and joint meetings | Travel costs of UK research participants, travel costs for invited participants such as external experts |
| Personnel costs/ services costs for expatriates | Personnel costs for those traveling: personnel costs for researchers, etc., employed to conduct the relevant contracted research (including personnel costs for PLs and Co-PLs) and related costs e.g. interpretation/translation |
| Other costs for international partnership and mobility activities | Costs for implementing the relevant contracted research other than the above. Examples: conference costs, equipment leasing costs, Equipment repair costs and subcontract costs. |

Please provide a clear justification of the resources requested, including a clear indication of what is included within the mobility costs, in particular:

* project staff
* significant travel for field work or collaboration (but not regular travel between collaborating organisations or to conferences)
* any equipment that will cost more than £10,000
* any consumables beyond typical requirements, or that are required in exceptional quantities
* all facilities and infrastructure costs
* all resources that have been costed as ‘Exceptions’
* support for public and patient involvement and engagement
* support for preserving, long-term storage, or sharing of data
* [NHS research costs](https://www.ukri.org/councils/mrc/guidance-for-applicants/costs-we-fund/3-5-nhs-costs/), when they are associated with NHS studies
* animal costs, such as numbers that need to be bred or maintained and to maintain high welfare standards
* MRC unit transition applicants – briefly summarise the resources you will receive for this work from unit funding which are not being requested as part of this application. Use the current unit costing approach to explain these and state the total cost of your proposed work, including unit resources and costs requested from this application

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| (MRC anticipate this will be a duplication of the submission provided in the Resources and cost justification section within TFS) |

**(5) Justification of Japanese costs (maximum of 1500 words)**

Please break down your Japanese costs, **explaining** why the resources requested are appropriate for the research and mobility proposed, taking into account the nature and complexity of the proposal. It should **not** be simply a list of the resources required.

Please break down your Japanese costs in particular:

* explaining why the resources requested are appropriate for the research and mobility proposed.
* detailing how the resources will be used, taking into account the nature and complexity of the proposal.

Japanese Mobility Costs can include.

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| Main Item | Definition |
| Research costs (equipment/supplies) when hosting researchers | Research facilities/equipment/prototypes, software (ready-made goods), book purchasing costs, purchasing costs for reagents/materials/consumables for use in research |
| Travel costs for personal exchanges and joint meetings | Travel costs of research participants, travel costs for invited participants such as external experts |
| Personnel costs/ services costs for expatriates | Personnel costs: personnel costs for researchers, etc., employed to conduct the relevant contracted research (including personnel costs for PIs and Sub Investigators) Service costs: expenditure for services such as lecture requests, guidance/advice, test subjects, interpretation/translation, and unskilled labor. |
| Other costs for international partnership and mobility activities | Costs for implementing the relevant contracted research other than the above. Examples: Research accomplishments publication costs (academic paper contribution costs, academic paper offprint costs, website production costs, etc.), conference costs, equipment leasing costs, Equipment repair costs, printing costs, subcontract costs, licensing fee, expenses for entrusting other persons with PIs’ work other than research and development ordinarily performed by PIs at their affiliated institutions (buyout expenses), amount equivalent to consumption tax related to untaxed transactions, etc |
| (MRC anticipate this will be a duplication of the submission provided in the International Resources and cost justification section within TFS) |