**Application to the 2023 AO VET / ARI Collaborative Grant**

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| Part 1: Information pertaining to ARI project |
| **Project title**      (do not exceed 100 characters incl. spaces) |  |
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| **Total amount requested in Swiss Francs****(to a maximum of CHF 35,000)**  | CHF  |
|  |  |
| **Duration / Start date** | Duration: Start date:  |
|  |  |
| **Principal investigator**Surname / First name / Age in years      Degrees      Current employing institution      Office address          e-mailCurrent AO VET member? | **[ ]** Yes**[ ]** No |
|  |  |
| **Coinvestigator 1**Surname / First name / Age in years      Degrees      Current employing institution       |            |
|  |  |
| **Coinvestigator 2**Surname / First name / Age in years      Degrees      Current employing institution       |            |
|  |  |
| **Coinvestigator 3**Surname / First name / Age in years      Degrees      Current employing institution |            |
|  |  |
| **ARI Principal Coinvestigator**Surname / First name / Age in years      Degrees      Current employing institution  |            |
|  |  |
| (*please insert additional rows as needed*) |  |
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| Part 2: Summary overview of the project |

**This part must not exceed 2 pages / Do not change the font (Arial 10).**

**Project context** (*no more than half page of single spaced A4; Font Arial 10*)

If your proposed work at ARI is part of a larger project taking place outside of ARI, please give a concise overview of the entire study that summarizes the problem being addressed, the relevance of the project, open questions or hypotheses, materials and methods, potential outcomes, other locations where the non-ARI portions of the study will be conducted. *Please remember that funds from this collaborative award must be used for work that is to be performed within ARI and should be spent within 12 months from the date of award*.

**Outline the problem and current state of the art in this field** *(no more than half page of single spaced A4; Font Arial 10)*

Summarize the research problem and the current state of the art in a few sentences

**Describe briefly the research plan for carrying out this study** *(no more than half page of single spaced A4; Font Arial 10)*

**What are the aims you want to reach with your study?**

Specify the milestones of your project

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| Part 3: Expanded details of the proposed work to be completed at ARI |

**This part must not exceed 6 pages / Do not change the font (Arial 10). Focus only on the research that is to be completed at ARI**

**3.1. Project abstract** *(do not exceed 2500 characters, including spaces)*

Please summarize the whole project. The abstract must be suitable to stand alone as, in case of approval, it will be published on our website.

**3.2. Outline the problem**

Please summarize the clinical problem in veterinary and/or comparative orthopaedics that this work addresses.

**3.3. Define the state of the art in this field**

**3.4. Summarize past research by the applicant in this field**

**3.5. Overarching goals of the current project**

**3.5.1 Open questions**

**3.5.2 Hypotheses**

3.5.3 What are the aims you want to reach with the ARI study?

3.5.4. Define the milestones and deliverables for the project period (12 months)

**3.6. Detailed research plan**

3.6.1 Study subjects, specimen or materials

3.6.2 Effect and outcome variables

3.6.3 Methods for taking measurements

3.6.4 Methods for data management and statistical analysis, including estimation of sample size and power

**3.6.5 Animal model**

*If an in-vivo animal model is used in the planned research work, please describe the model in detail. Information provided should be consistent with the level of detail required in the ARRIVE guidelines (Kilkenny et al., 2010. Improving Bioscience Research Reporting: The ARRIVE Guidelines for Reporting Animal Research. PLoS Biol 8(6): e1000412) and should include: anesthesia protocols, treatment protocols, pain management, surgical techniques, post-operative care, criteria for removal from the study if necessary, and euthanasia protocols.*

**3.7. Relevance of the project**

Describe here how the data derived from your ARI project will contribute to the overall impact of your study (ARI and, where applicable, non-ARI component) on veterinary and/or comparative orthopaedics

**3.8. Timelines**

Provide details of the timelines for the different stages of the project and identify key milestones and deliverables. Presentation in the form of a Gantt chart is preferable but not mandatory.

**3.9. Relevant literature** (maximum 1.5 pages – this section counts towards the 6-page total for Part 3)

Provide key citations to support the proposal.

3.9.1 Publications by the investigators

3.9.2 Publications by other authors

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| Part 4: Other support  |

**If any other funding has been, is or may be received for this study, its source and amount should be declared here.**

Is this application currently being submitted elsewhere?

 **[ ]** Yes **[ ]** No

If yes, to which organizations, and by what date is a decision expected?

Please give details of how this affects the study and declare the budget. If there could be a duplication of funding received from the AO Foundation a revised budget should be submitted.

Has this or a similar application been submitted elsewhere over the past year?

If yes, please give details, and explain how this does not overlap with your current application to the AO Foundation.

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| Part 5: Finances — Budget for the ARI study (maximum CHF 35,000) |

**5.1. Itemised budget -** *please note that the amounts must be converted to Swiss Francs (CHF)*

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| **Budget for ARI Personnel –** *Note that salary support for investigators outside ARI cannot be provided by this award.* |  |  |  |
| Surname / First name | Academic qualification | Effort in % | **Year 1** |  | **Total** |
| Original currency  | **Swiss Francs** | **Swiss Francs** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Total cost for personnel** |  |  |  |  |  |

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| --- | --- | --- | --- |
| **Equipment –** *Note that equipment must be purchased through ARI and will remain the possession of ARI after the study* |  |  |  |
| Devices, equipment, extension to existing equipment, etc. | **Year 1** |  | **Total** |
| Original currency  | **Swiss Francs** | **Swiss Francs** |
|  |  |  |  |
|  |  |  |  |
| **Total cost for equipment** |  |  |  |

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| --- | --- | --- | --- |
| **Consumables –** *Note that consumables must be purchased through ARI*  |  |  |  |
| Itemize below | **Year1** |  | **Total** |
| Original currency  | **Swiss Francs** | **Swiss Francs** |
|  |  |  |  |
|  |  |  |  |
| **Total cost for consumables** |  |  |  |

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| --- | --- | --- | --- |
| **Core facility fees at ARI -** e.g. imaging, mechanical testing  |  |  |  |
| Itemize below | **Year1** |  | **Total** |
| Original currency  | **Swiss Francs** | **Swiss Francs** |
|  |  |  |  |
|  |  |  |  |
| **Total cost for core facility fees** |  |  |  |

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| --- | --- | --- | --- |
| **Miscellaneous costs**  |  |  |  |
| Itemize below | **Year1** |  | **Total** |
| Original currency  | **Swiss Francs** | **Swiss Francs** |
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| **Total cost for miscellaneous** |  |  |  |

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| **Conferences -** maximum CHF 1,500 total |  |  |  |
| Itemize below | **Year1** |  | **Total** |
| Original currency  | **Swiss Francs** | **Swiss Francs** |
|  |  |  |  |
| **Total costs for conferences** |  |  |  |

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| --- | --- | --- | --- |
| **Total costs** |  |  |  |
| **Year1** |  | **Total** |
| Original currency  | **Swiss Francs** | **Swiss Francs** |
|  |  |  |  |
| **Total costs**  |  |  |  |

**5.2. Budget Justification –** *please provide a specific justification for costs under each budget category (maximum of one page in total)*

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| Part 6: Existing resources |

**Please summarize the key ARI facilities and capabilities that are to be used to undertake the experiments described in this proposal. Provide specific details (model, manufacturer, location) for any instrumentation that is critical to the successful completion of this work.**

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| Part 7: Signatures and assurances |

Provide the name and contact information of your ARI collaborator(s) – *please add more rows as needed*

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| --- | --- | --- | --- |
| Name | Role on project | Job title | % FTE on this project |
|  | ARI Principal coinvestigator |  |  |
|  | ARI coinvestigator |  |  |
|  | ARI coinvestigator |  |  |

**7.1. The proposed of work lies within the scope of ARI:**

Signature of principal ARI coinvestigator………………………… Date…………………

**7.2. The budget contained herein is accurate:**

Signature of principal ARI coinvestigator………………………… Date…………………

**7.3. The timeline contained herein is realistic:**

Signature of principal ARI coinvestigator………………………… Date…………………

**7.4. ARI resources are available for this project:**

Signature of Director of ARI ………………………………… Date…………………

**7.5. The Institutional Official has reviewed the Terms & Conditions document for this grant**

Signature of Institutional Official …………………………… Date…………………

Printed name**……………………………………….…**

Official title: **……….……………………………….…**

Institution **………………………………………….…**

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| Before you submit your grant application |

Please check that:

* your application complies with the instructions
*Applications which do not conform completely to the website application format or which ignore or fail to comply with any part of the instructions may be returned to the applicant and will not be considered unless resubmitted by the deadline*
* your application does not exceed the allowed number of pages (2 pages for Part 2, 6 pages for Part 3)
* all amounts must be converted to Swiss Francs and your budget calculations are correct (Part 5)
* you have necessary signatures from ARI coinvestigator(s), the Director of ARI and your Institutional Official (Part 7)

Please submit your application by end of the day CET on June 04, 2023

* send to Tania Bosque at ao.npr@aofoundation.org – AO NPR, Clavadelerstrasse 8 / 7270 Davos / Switzerland.
* full proposal should be sent an unprotected Word-document
* **the signature page can be provided as a scanned document (e.g. PDF) for convenience**
* it will then be forwarded to the AO VET Research and Development Commission for review.

You will receive an e-mail from AO VET within a week confirming receipt of the application. Should you not receive the notification within one week, please contact: Tania Bosque at ao.npr@aofoundation.org