**PTEN Research Foundation Targeted Call Application**

The mission of the PTEN Research Foundation is to fund and facilitate research that will lead to new and better treatments for PTEN hamartoma tumour syndrome (PHTS). For details on the specific elements of any open Targeted Calls, please see our [website](https://www.ptenresearch.org/for-researchers-and-professionals/apply-for-research-funding/targeted-calls/).

**Important Notes:**

1. **Completing this Application:** When completing this Targeted Call Application form, ensure that you provide the requested information with sufficient detail for review by a peer reviewer within the field of research. Where information or concepts might not be broadly understood by researchers from adjacent areas of research, take additional care to explain these and their relevance to the overall project. In general, the completed application should not exceed 20 pages, including figures and references. Where additional information is required but cannot be easily incorporated into the form (e.g., high quality images/figures) these should be included in Section 10 (Appendix).
2. **Application Process:** After submitting the Targeted Call Application form, applicants will receive an acknowledgement email and confirmation of the review timeline within one week. Applications that do not meet the eligibility criteria or fall outside the scope of the Targeted Call will not be peer reviewed, and applicants will be notified of such. Competitive applications will undergo scientific, budgetary, and programmatic assessment by our scientific research team followed by external peer review by a minimum of two independent experts. Applicants will be provided with feedback on their application and will have an opportunity to respond to any specific questions raised. All applications are assessed by our Scientific Advisory Board before the final funding decision is made by our Trustee Board.
3. **Application Budget:** Details of the requested budget should be provided in the “PTEN Research Budget Form” provided with this application form. The proposed budget should break down proposed costs against personnel, equipment, consumables and other costs, as applicable. If not already provided, the Foundation’s policies and guidance on acceptable costs can be requested from [research@ptenresearch.org](mailto:research@ptenresearch.org).
4. **Terms and Conditions:** All applications submitted to PTEN Research are subject to PTEN Research’s Terms and Conditions of Applications, as set out on our [website](https://www.ptenresearch.org/for-researchers-and-professionals/apply-for-research-funding/terms-and-conditions-of-application/). If you wish to include in your Application results, data or background intellectual property that might thereby constitute a public disclosure, please contact PTEN Research and we will provide a Confidentially Agreement, as appropriate.

To submit an application, or if you have any further questions, please contact us at [research@ptenresearch.org](mailto:research@ptenresearch.org).

**Section 1: Application Summary**

**1.1 Targeted Call title**

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**1.2 Project title**

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**1.3 Principal applicant**

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| --- | --- |
|  | Principal applicant |
| Name and title |  |
| Position |  |
| Organisation |  |
| Department/division |  |
| Address |  |
| Telephone (including  country code) |  |
| Email |  |

**1.4 Co-investigator(s) (if applicable)**

|  |  |  |
| --- | --- | --- |
|  | Co-investigator 1 | Co-investigator 2 |
| Name and title |  |  |
| Position |  |  |
| Department/Division |  |  |
| Organisation |  |  |
| Role in project |  |  |

**1.5 Project duration**

|  |  |  |  |
| --- | --- | --- | --- |
| Start Date — End Date (dd/mm/yy) |  | Duration (months) |  |

**1.6 Total funding request**

Direct costs in local currency.

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| --- | --- | --- | --- |
| Amount |  | Currency |  |

**Section 2: Project Abstracts**

**2.1 Lay abstract**

Provide an abstract suitable for a lay audience. Include summary information on the background, aims and expected outputs and outcomes of the project, and how this research will benefit the PHTS community (max. 300 words).

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**2.2 Scientific abstract**

Provide an abstract suitable for a scientific audience. Include summary information on the background, aims and expected outputs and outcomes of the project, and how this research will benefit the PHTS community (max. 300 words).

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**Section 3: Detailed Research Proposal**

**3.1 Background**

Provide the relevant background information including supporting or preliminary data, where appropriate, relating to the proposed project.

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**3.2 Hypothesis and aims**

Provide a clear articulation of the overall research hypothesis, or hypotheses, and the aims of the project.

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**3.3 Research plan and methods**

Provide a detailed research plan in support of the project aims including details of core methods and approaches that will be used and, where relevant, provide justification for their selection. Clearly identify any key milestones and/or deliverables for each aim.

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**3.4 Alignment of proposed work with the aims of the Targeted Call**

Provide details of how the proposed project aligns with the aims of the Targeted Call (as set out at on the PTEN Research website), including where the proposal includes/meets any specific criteria identified in the call (e.g., use of specific models, data, or collaboration).

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**3.5 Statistical justification and analysis**

Provide statistical justification for the study design described above including, at a minimum, sample size and power calculations, particularly where any elements of research involve people or animals. Additionally, outline the key statistical methods that will be used in the analysis of the results.

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**3.6 Expected outputs and outcomes**

Provide details of any expected outputs (e.g., tools, publications, datasets) and outcomes from this project.

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**3.7 Project Schedule**

Provide a Gantt chart of the project schedule identifying the key activities for each aim. Include milestones, deliverables and other expected outputs identified in sections 3.3 and 3.6.

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**3.8 Staffing, duties, and contribution**

For all staff members participating in the Grant Activities, including the principal investigator, co-investigators and collaborators, list the main duties and time contribution (including the FTE rate, as appropriate) that each member will contribute to the overall project. Where FTE rates vary throughout the project include the duration for each FTE rate.

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| --- | --- | --- |
| Staff Member/Position Title | Key Duties | Duration (months) and FTE rate |
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**3.9 Project risks and mitigation plans**

Provide details of the main risks associated with the project and outline any mitigation plans to address these.

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**3.10 References**

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**Section 4: Additional Project Details**

**4.1 Data management**

Provide details of the project data management plan, clearly outlining the data you expect to acquire or generate during the course of the research project, how this will be managed, described, analysed, and stored. Also outline the mechanisms that will be used at the end of the project to preserve the data.

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**4.2 Sharing and dissemination of project outputs**

PTEN Research expects that any funded work is done so following the principles of scientific sharing and transparency in order to maximise the availability of research data and tools. Provide details of how any significant outputs from the project (e.g., datasets, tools or other materials) will be shared with relevant members of the PHTS community. Identify clearly when these will be made available, to whom and with what restrictions.

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**4.3 Collaborative agreements**

Where the project is dependent on the involvement of specific individuals, institutions or companies not party to this application, list those collaborators and provide details of their expected contribution (e.g., conduct of specific activities, advice, data, tools, funding) and any formal agreements required (e.g., data use agreements, material transfer agreements, collaboration agreements). Where agreements are not currently established, provide letters of intent, or otherwise, to demonstrate an in-principal agreement to participate in this project.

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| Individual/Institution/Company | Contribution to Project | Required Agreements |
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**4.4 Ethical and/or regulatory approval**

Provide details of any specific regulatory or ethical approval required to carry out the proposed research, including status of these (e.g., approved, in progress, to be sought).

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**4.5 Animal research considerations**

PTEN Research is committed to promoting the reduction, refinement and replacement of animals in all research it funds, as set out in our policy on [animal use](https://www.ptenresearch.org/our-research/use-of-animals-in-research/). If the project includes the use of animals, provide a rationale for their use, including a justification for the number and species to be used, if not addressed elsewhere in this application. Researchers are encouraged to use the NC3R’s experimental design resources, including the online Experimental Design Assistant and the ARRIVE guidelines, to improve reproducibility and reporting of research involving animals.

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**Section 5: Staffing Details**

**5.1 Principal applicant and co-investigators**

For each individual identified by name in **sections 1.3 and 1.4**, provide details in the space below. (Multiply the boxes as required)

|  |  |
| --- | --- |
| Name and title |  |
| ORCID iD (if available) |  |
| Current Position(s) |  |
| Education |  |
| Previous research positions  (if applicable) |  |
| Awards, honours, fellowships, current and previous grants |  |
| Advisory board memberships and commercial consulting (if applicable) |  |
| Publications (please list up to 10 most significant publications) |  |

**5.2 Other staff details**

For all those individuals identified by name in **section 4.3**, provide the requested details in the space below or attach a CV/resume ensuring that it includes, at a minimum, the details requested below. (Multiply the boxes as required)

|  |  |
| --- | --- |
| Name and title |  |
| ORCID iD (if available) |  |
| Current Position |  |
| Education |  |
| Previous research positions |  |
| Publications (up to 5 relevant publications) |  |

**Section 6: Intellectual Property and Commercialisation**

**6.1 Previous Patents**

Has any of the applicants’ data provided in this application been the subject of a patent application or a granted patent? If yes, provide additional details.

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**6.2 Future patents**

Do you anticipate filing any patent applications as a result of this project? If yes, provide additional details.

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**6.3 Commercial interest**

Has there been, or is there currently, any interest in the commercialisation of any aspects of the research detailed in this application? If yes, provide additional details.

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**6.4 Freedom to operate**

Are you aware of any factors that might impact upon your freedom to operate for the proposed project? If so, provide details of how these are to be addressed.

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**Section 7: Application Review**

**7.1 Suggestions for external peer reviewers**

If you would like to suggest peer reviewers, list their details and any justification here.

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| Name | Institution | Justification |
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**7.2 Possibly inappropriate peer reviewers**

If there are any persons you feel would be inappropriate to act as reviewers, list their details and any justification here.

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| Name | Institution | Justification |
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PTEN Research will take all considerations into account but reserves the right to base decisions on its own evaluation.

**Section 8: Additional Funding**

**8.1 Full economic cost**

What is the expected full economic cost of this project?

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**8.2 Additional sources of support**

Please provide the name(s), amount(s), and decision date(s) for any other sources of funding that will/may support this project, such as:

* Any requests for in kind donations
* Any similar or related applications for funding which are currently under consideration elsewhere
* Any contributions or institutional support being provided by the host institution

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**Section 9: Feedback**

**9.1 How did you hear about this opportunity?**

To help the Foundation better understand how best to reach its audiences for future funding opportunities, we would appreciate if you could let us know how you heard about this funding opportunity.

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LinkedIn©

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Social Media Please specify:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Research Professional©

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Other Funding Database Please specify:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Colleague or other contact

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PTEN Research newsletter

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Other Please specify:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**9.2 How can PTEN Research improve?**

We would be greatful to hear if you have any feedback that could help us improve the targeted call or application process.

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**9.3 PTEN Research newsletter and future contact for funding opportunities**

Please indicate if you would be interested in receiving PTEN Research’s quarterly newsletter to hear about our progress and future funding opportunities, and/or receive e-mails relating to funding opportunities.

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Yes, I would like to join PTEN Research’s quarterly newsletter

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Yes, I would like to receive e-mails on funding opportunities

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No, I would not like to join PTEN Research’s quarterly newsletter or receive e-mails on funding opportunities

**Section 10: Appendix**