**SINGHEALTH RESEARCH TOOL FORM**

The purpose of this Research Tool Form is to record a written description of your research tool to allow evaluation for potential commercialisation.

Please refer to the guidance notes at the end of this form for information to include that is specific to certain types of research tools.

Complete all sections of the form and submit a soft-copy to SingHealth Intellectual Property (SHIP) at: SHIP@singhealth.com.sg.

Please provide as much detail as possible as this will assist us to assess the research tool efficiently.

The information contained within this form will be treated as confidential and will be used only for assessing the potential for commercialising the research tool.

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| **Section A: Investigator Information** | | |
| 1. | **Name:**  **Position/Title:**  **University/Laboratory group:**  **E-mail address:** |  |
| **2.** | **Date:** |  |
| **Section B: Research Tool Information** | | |
| 1. | **Research tools Category** | Compound libraries  Gene/protein  Others  Antibodies  Animal model  Cell lines |
| 2. | **Research tool name** |  |
| 3. | **Detailed description of the research tool**  *Please refer to the guidance notes on the last page of this form for examples of the type of information to include, depending on the nature of your research tool. Do include any results and/or data that support validation/efficacy.* |  |
| 4. | **Key papers/publications and data**  **List publications**  **Describe key data** |  |
| 5. | **Benefits and drawbacks of the research tool**  *Are there are any drawbacks to this tool?*  *How is your research tool more favourable over what is currently available in the market?* |  |
| 6. | **Is the research tool ready for distribution?**  *\*If yes*   * *How will it best be shipped/provided, and in what format?* * *What quantity of the research tool is ready for distribution?* * *How should the research tool be stored?*   *\*If not then what needs to be done and how long will it take?* |  |
| 7. | **List the funding used to generate the research tool** |  |
| 8. | **Are there any terms and conditions associated with this research tool?**  *Such terms and conditions may be imposed by:*   * *a grant* * *a contract for sponsored research* * *a Material Transfer Agreement* * *the use of government funding*   *If yes, please provide details.* |  |
| **12.**  9. | **Were there other collaborators in the development of the research tool?**  *\*If yes, please provide the names and their institute* |  |
| 10. | **Please include any other information you think is pertinent to the commercialisation of the research tool.** |  |

For any further information, please contact SingHealth Intellectual Property (SHIP) at SHIP@singhealth.com.sg.

**GUIDANCE NOTES**

**General**

* **What is the development stage of the invention?**
* **What kind of data is available? e.g. *in vitro* or *in vivo* data?** 
  + Is the data collected unpublished?
  + Provide data and evidence to support the advantages or performance of the invention. This includes details and results of pre-clinical work and the models/assays used.
* **Are there any competing technologies? If yes how is this invention differentiated?**
  + What are the disadvantages/gaps with the current approaches?
  + What is the main value proposition or selling point? What makes the research tool uniquely able to counter the issues with the currently available research tools?

**Details on the research tool**

**Antibodies**

* What is the immunogen or antigen?
* What are the applications of the antibody?
* What is the species cross-reactivity?
* Molecular weight?
* Isotype?
* Clonality and clone name?
* Buffer?
* Purification method (if any)?

**Animal model**

* Species?
* Gene name?
* Strain?
* Transgenic?
* Knock-in or Knock-out?
* Inducible?
* What are the unique properties of this animal model?

**Assay**

* What type of assay is it?
* What type of activity does the assay measure?
* Describe the assay and how it works in detail.

**Cell lines**

* Lineage of cell type?
* Name of parental cell line, tissue or organism?
* Is this an embryonic or adult stem cell?
* What are the unique properties of the cell line?
* Detail the media or growth conditions.
* How is the cell line to be transported?

**Gene/protein**

* What is the biological function of the gene/protein?
* Wild-type or mutant gene/protein? If mutant then how does the activity differ from wild-type?
* What is the expression system (if any)?