MERCK RESEARCH LABORATORIES – Discovery Biologics (MRL DB)

SSF Emerging Discovery Science (SEEDS) Program

*PRE-PROPOSAL Form*

Please use the following form to develop your Merch Research Laboratories (MRL) SEEDS *non-confidential* Pre-Proposal and submit your completed form **no later than 5:00 PM PT on Friday, May 15, 2020** to [daniel.huang@merck.com.](mailto:daniel.huang@merck.com.)

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| **PROJECT TITLE:** | |
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| PRINCIPAL INVESTIGATOR NAME(S): | INSTITUTION AFFILIATION: |
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| PRINCIPAL INVESTIGATOR EMAIL: | PRINCIPAL INVESTIGATOR ADDRESS: |
|  |  |
| PRINCIPAL INVESTIGATOR PHONE: |
|  |
| **TECHNOLOGY TRANSFER OFFICER:**  *Please include contact information including email, phone and address* | |
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| ACTIVE RFP FOCUS AREAS:  *Please select all that apply to the Pre-Proposal* | |
| **Antibody Transport Across the Cell Membrane**  **Identification of Tumor Cell Surface Markers through Serum Proteome Measurements**  **High-throughput Techniques for Isolating Antibodies from Immunized B-cell Repertoires** | **Novel Sequence Motifs to Engineer into Antibody CDR-H3 to Generate Unique Paratopes in Anti-viral Antibodies**  **Glycan-targeting Bispecific Antibodies in Enhanced Tumor Selectivity**  **Other:** *(if selected indicate here)* |
| EXECUTIVE SUMMARY:  *Please provide a BRIEF few sentences statement summarizing the research proposal* | |
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| BDSEEDS@MERCK.COM PRE-PROPOSAL  *Please limit your non-confidential Pre-Proposal to 1-2 pages* |
| 1. PROJECT SIGNIFICANCE   *Please provide a BRIEF statement summarizing the research proposal and how it relates to human disease and disease mechanism(s).*   * *What is the unmet medical need(s) this research project could address?* * *How does the proposed research address the unmet medical need(s) indicated?* * *How can the proposed research be translated?* * *What is feasible within one year?* |
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| 1. PROJECT OBJECTIVES   *Please include research objectives and specific aims* |
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| 1. **PROJECT DESCRIPTION**   *Provide a brief description of the research plan to be carried out within one year* |
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| 1. BIOGRAPHICAL SKETCH OF PRINCIPAL INVESTIGATOR:   *Please provide a brief bio-sketch of the PI and listing of key publications. (NIH Biosketch is acceptable)* |
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