MERCK RESEARCH LABORATORIES – Discovery Biologics (MRL DB)

SSF Emerging Discovery Science (SEEDS) Program

*PROPOSAL Form*

Please use the following form to develop your Merch Research Laboratories (MRL) SEEDS Proposal and submit your completed form **no later than 5:00 PM PT on Friday, August 6, 2021** to [dbseeds@merck.com](mailto:dbseeds@merck.com.) and [Bernhard.Geierstanger@merck.com](mailto:Bernhard.Geierstanger@merck.com).

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| **PROJECT TITLE:** | |
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| PRINCIPAL INVESTIGATOR NAME(S): | INSTITUTION AFFILIATION: |
|  |  |
| 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 proposal* | |
| **Lysosomal processing and transfer of ADC payloads**  **High-throughput characterization of protein biophysical properties**  **Mining natural peptide diversity as antibody cargo: antibody natural product fusions** | **Function-based high-throughput screening for agonist and antagonist antibodies**  **Other:** *(if selected indicate here)*  **Renewal** |
| EXECUTIVE SUMMARY:  *Please provide a BRIEF few sentences statement summarizing the research proposal* | |
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| PROPOSAL  *Please describe significance, objectives, background, details and workplan of the proposed project. Please limit the description to 3 pages. Any preliminary data, references and figures will not count toward the 3-page limit. Please also include project budget, timelines and deliverables should your research proposal be awarded a SEEDS research grant of up to $125,000 in direct costs plus institution’s indirect cost not to exceed a total of $200,000 for a duration of 1 year. The proposal will be treated confidentially. The submission deadline is 5:00 PM PT on Friday, August 6, 2021. Please send your proposal to* [*dbseeds@merck.com*](mailto:dbseeds@merck.com) *and* [*Bernhard.Geierstanger@merck.com*](mailto:Bernhard.Geierstanger@merck.com)*.* |
| 1. PROJECT SIGNIFICANCE   *Please provide a BRIEF statement summarizing the research proposal and how it relates to human disease and disease mechanism(s).* |
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| 1. PROJECT OBJECTIVES   *Please provide research objectives and specific aims.* |
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| 1. **PROJECT BACKGROUND, DETAILS AND WORKPLAN**   *Please provide a description of the research plan to be carried out within one year. Please include background, project details, deliverables and any preliminary data and references.* |
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| 1. BUDGET JUSTIFICATION:   *The SEEDS grant if approved provides $125,000 in direct costs plus institution’s indirect costs up to a total of $200,000 for the duration of 1 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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