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| ***Applied Research & Development Award 2025/2026***  **Deadline for Submission: June 16, 2025 at 5pm** | Received:  Sent to reviewers:  Applicant notified: |

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| **Project Period: From \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ To\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Title:**  **Principal Investigator Name:**  **Title:**  **Department:**  **Address:**  **City/State/Zip:**  **Tel:**  **Email:**  **Corporate Co-sponsor:**  **Name:**  **Title:**  **Address:**  **City/State/Zip**  **Tel:**  **Email:** |
| **This signature certifies that you are in support of this application. By accepting funding from the Center, the PI agrees to give the Center access to their Corporate Award finances for the performance period of the Center Funding.**  **Signature of PI: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Signature of Corporate Cosponsor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| **Non-Confidential Abstract**: State the application’s broad, long-term objectives and specific aims, referring to the commercial potential of the project. This abstract is meant to serve as a succinct and accurate description of the proposed work when separated from the application. The description should be suitable for public disclosure. *(Not to exceed 200 words)*  **Please review the program guidelines and instructions before completing.**  **Narrative (not to exceed 5 pages)**  **1. Unmet Need**  Outline how this technology meets a clear unmet need, starting with a well-defined beachhead market and scaling into a broader opportunity. Be direct: what problem does it solve, who needs it now, and how big is the opportunity as adoption expands?   2. Scientific and Strategic RationaleBriefly summarize the scientific background and current state of the field, highlighting how the proposed work builds on existing knowledge to enable a differentiated, commercially viable solution. **3. Specific Aims**  Each Specific Aim should represent a focused, measurable advancement along the technology’s development path. Aims must be outcome-oriented and aligned with the overall strategy.  Avoid open-ended or exploratory aims. Instead, define what success looks like and how the work moves the technology closer to product readiness. Reviewers should be able to trace how each aim increases technology maturity, reduces risk, and supports further development. 4. Experimental Plan and Feasibility Summarize prior scientific or technical data that supports the rationale for development. Then, outline the proposed experimental design and milestones that will demonstrate feasibility and advance the program toward development goals.  **Guidance for Milestones**  Each Specific Aim must include milestone(s) — key results that indicate the aim has been achieved.  For each milestone, specify:   * Methods and experimental design * Assumptions and data analysis plan (if applicable) * Quantitative criteria for success and the rationale behind them   Milestones should be concrete, measurable, and directly tied to the proposed work.  **Eg: see** [**link**](https://www.ninds.nih.gov/current-research/research-funded-ninds/translational-research/create-bio/create-bio-application-support-library/create-bio-examples-milestones)  **5. Economic Impact**  Indicate the economic impact or projected impact on the company sponsor of the proposed project over the next five years in terms of increased corporate revenues (product sales, research contracts, etc.), corporate savings, leveraged funding (SBIR/STTR, grants, Angel or VC investment, strategic partnerships), and jobs created/retained.  **6. Intellectual Property**  Indicate existing intellectual property and ownership (by corporate sponsor, Research Foundation of SUNY, or PI), names of inventor(s), and the potential for new intellectual property. If a technology disclosure has been filed with the Office of Technology Licensing, please provide a copy.  **7. Budget Justification \***  **Project Reports and Deliverables**  **Reports**  As a jointly manage project, reporting will be semi-annual and consist of two components:   1. Applied Research Report (PI): The Principal Investigator submits a written report detailing the technical progress of the research, including methods, data, and interpretation of result. 2. Company Presentation & Discussion (Sponsor): The sponsoring company prepares a brief slide presentation summarizing how the sponsored applied research supports the company’s development pathway. This should include: - The technical inflection point achieved - How results inform product, regulatory, or commercial strategy - Key business milestones advanced by the work.   The sponsor will also present this summary to the Center for Biotechnology to align on next steps and explore resources that can accelerate progress.  **Deliverables (if applicable):**  **Disclaimer: This is a research project. The performance objectives provided above are merely targets and not a promise to provide deliverables that can perform at the specifications provided above.**  **\*Budget Forms do not count toward the 5-page Narrative.** |

**Attachments:**

* Letter of commitment from corporate co-sponsor to support the project as described in this proposal
* PI NIH Biosketch
* Budget Forms: [Please see guidelines for instructions](http://centerforbiotechnology.org/what-we-do/technology-development/).
* Corporate Co-Sponsor Resume
* Intellectual Property Documentation as Applicable

**No additional attachments beyond those listed above will be accepted. Failure to comply may result in the application being returned without benefit of review.**

**Applications do not require prior approval by the Office of Sponsored Programs. Only projects recommended for funding will be required to obtain institutional approvals through myResearch.**

**Please submit the application package electronically as a single PDF file to the Center for Biotechnology (**[center\_for\_biotechnology@stonybrook.edu](mailto:center_for_biotechnology@stonybrook.edu))**.**