



Cornell Institute of Biotechnology

NYSTAR Designated Center for Advanced Technology (CAT)

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Division of
Science, Technology
& Innovation

TO: Cornell University Faculty and Researchers
FROM: Matthew DeLisa, Director, Cornell Institute of Biotechnology
DATE: March 1, 2023
RE: **Call for CAT Grant Proposals**

We are pleased to announce our biannual Center for Life Science Enterprise/Center for Advanced Technology (CAT) call for grant proposals, administered by the Cornell Institute of Biotechnology (CIB).

This call for proposals seeks collaborative applied research between Cornell principal investigators at any Cornell campus and New York State company partners that will lead to an eventual commercialized biotechnology product or service, with quantifiable economic impact within the State.

We will be making grants in many life sciences fields, including but not limited to the following:

- Agricultural & Environmental Biotechnologies
- Biochemistry/Biophysics
- Bioengineered Pest Control
- Bioremediation/Biodegradation
- Bioinformatics/Computational Biology
- Diagnostics & Detection Technologies
- Genomics/Proteomics/Metabolomics
- Medical Devices
- Microbiome Technologies
- Nanobiotechnologies
- Therapeutics
- Tissue Engineering
- Vaccines & Immunotechnologies
- Veterinary Technologies

Applications will be evaluated based on the following:

1. *Scientific merit* – sound research design and methodology, innovativeness, potential for impact
2. *Market potential and commercialization pathway* – demonstrate understanding of target market and its size, competing technologies, regulatory approvals needed, scale-up
3. *Economic impact* – potential for job creation and revenues within New York State that could arise from your technology in the future, and approximate timelines for the impact

Mandatory committed cost share at a minimum of a 1:1 match of CAT grant funds and NYS for-profit company partner funds is required. Additional sources of support are permitted, but may not be used towards the NYS company cost share requirement.

Application deadline is 5:00 pm on March 31, 2023, with an anticipated project start date of July 1st, 2023.

Supplement Option: An additional \$5,000 award supplement may be available for materials and materials-related support provided by the Cornell Center for Materials Research (CCMR), <http://www.ccmr.cornell.edu>.

Further details about the CAT grant program are available on the CIB website at: <https://www.biotech.cornell.edu/commercialization-cat>. Previously funded projects can be found at: <https://www.biotech.cornell.edu/commercialization-cat/awarded-projects>.

[see next page for Guidelines]

Grant Proposal and Reporting Guidelines

Who is eligible: Principal investigators must be eligible to serve as defined by Cornell Research Services at <https://researchservices.cornell.edu/policies/pi-eligibility>. PIs from Cornell Ithaca, CornellTech, and Weill Cornell Medicine are invited to apply.

Criteria for CAT awards:

- Projects must be within a life sciences field.
- Proposals will be evaluated on scientific merit, clear commercialization pathway and NYS economic impact potential. Proposed work may be related to ongoing work, but must not duplicate projects funded elsewhere.
- The grant must include significant collaboration with a NYS for-profit company, with matching funds (cost share) of at least 1:1 from the company. An NYS company is defined as one that has a manufacturing or research entity or headquarters in the State. The cost share must be in the form of a cash match in a Cornell account, and must be spent at approximately the same rate as the CAT grant funds. Other sources of support may be included in the proposal to demonstrate the strength of collaboration, but may not be used towards the company cost share requirement.

Reporting Obligations:

1. Prior to start date, PIs are required to submit 1–3 slides, including images related to the project and a layperson's explanation of the science, to be used as an example of the research being undertaken with CAT funding.
2. A brief narrative report is due by January 10, 2024.
3. An expanded final narrative report by July 10, 2024.

Application form:

The proposal link is available on the Institute's website, at:

<https://www.biotech.cornell.edu/commercialization-cat/cat-grants/request-proposals>.

Budgets: The dollar amount for a single investigator project is up to a maximum of \$75,000 for up to one year. Support levels for multi-investigator CAT projects will be based on total company matching dollars of all investigators on the project. Project cash match is required, at a minimum 1:1 CAT grant funds and NYS company partner funds. All budgeted costs must be in direct support of the proposed project, and exclude budget restrictions detailed below. Requests for equipment and out-of-state travel must be preapproved.

Budget restrictions: Funds cannot be used for building renovations, delivery of credit-bearing college coursework, basic research, foreign travel, entertainment, consultants, journals and books, or office equipment.