

2008 INNOVATIVE TECHNOLOGY DEVELOPMENT PROGRAM

1. Application Title (56 typewritten spaces max)

2a. PRINCIPAL INVESTIGATOR (Last, First)

2b. RESEARCH INSTITUTION (full mailing address)

2c. PI TITLE/Dept.

2d. TELEPHONE AND FAX (Area code, number, and ext.)

TEL:

FAX:

Email:

Website:

3. New application or continuation of a previously funded ITD project?

Type of Application: ___ (YEAR 1) ___ (YEAR 2) ___ (YEAR 3) ___ (MULTI-YEAR)

4. Human Subjects NO YES

If yes, IRB Approval #

5. Vertebrate Animals NO YES

If yes, IACUC #

6. Dates of Project Period:

From: To:

7. Total Project Costs:

\$

Center Funding Requested:

\$

Company Match:

\$

8. Corporate Co-Sponsor Contact

Name:

Title:

Company Name:

Address:

Email:

Tel:

Fax:

Website:

9. COMPANY CO-SPONSOR CERTIFICATION AND ACCEPTANCE: I certify that the statements herein are true, complete and accurate to the best of my knowledge, and that our company will support this application as described herein. Letter of commitment is attached to application.

Signature

Date

10. Year Firm Founded: _____ Number of Employees (total): _____ (New York State employees): _____

11. NOTICE OF PROPRIETARY INFORMATION: The information identified by asterisks (*) on pages _____ of this application constitutes trade secrets or information that is confidential or privileged (abstract must be non-confidential). It is furnished to the Center in confidence with the understanding that such information shall be used or disclosed only for evaluation of this application.

12. DISCLOSURE PERMISSION STATEMENT: If this application does not result in an award is the Center permitted to disclose the non-confidential abstract and the name, address, and telephone number of the applicant to organizations that may be interested in contacting you for further information or possible investment? YES NO

13. PRINCIPAL INVESTIGATOR ASSURANCE: I certify that the statements herein are true, complete, and accurate to the best of my knowledge. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if an award is granted.

Signature

Date

14. UNIVERSITY ORGANIZATION CERTIFICATION AND ACCEPTANCE: I certify that the statements herein are true, complete, and accurate to the best of my knowledge, and accept the obligation to comply with the Center for Biotechnology terms and conditions if an award is granted.

Signature

Date

Principal Investigator _____

16. **Non-Confidential Abstract of Research Plan:** State the application's broad, long-term objectives and specific aims, making reference to commercial potential of the project. Describe concisely the research design and methods for achieving these goals and discuss potential of the research for technological innovation. Avoid summaries of past accomplishments and use of first person. This abstract is meant to serve as a succinct and accurate description of proposed work when separated from the application. If the application is funded, this description, as is, will become public information. Therefore, do not include proprietary or confidential information here. **(200 word maximum)**

17. Provide key words (6 maximum) to identify the research or technology.

18. Provide a brief summary of market opportunity, planned commercialization path and applications of the research. If intellectual property already exists or is a likely outcome, please describe this here **(200 WORDS Maximum)**.

Principal Investigator _____

19. Research Plan: On separate pages, each with PI name, please include:

- A. Specific Aims.** State concisely what the proposed research is intended to accomplish in terms of its potential for scientific or technological innovation & commercial application. (1 page max)
- B. Significance.** Briefly sketch the background to the present grant application, critically evaluate existing knowledge, and specifically identify the commercial opportunities which the project is intended to address. State concisely the importance of the proposed research by relating its specific aims to future commercial development objectives. Include a time-line for commercial development. Please indicate companies that may be interested in the commercial development of this project. (1 page max)
- C. Preliminary Evidence/Feasibility.** Outline the scientific/engineering evidence, performed by the PI, that supports the development of this technology. (3 page max)
- D. Experimental Design & Methods.** Discuss the experimental design, and the means by which the data will be analyzed and interpreted. Discuss potential difficulties and alternative approaches to achieve the aims. (3 page max)
- E. Economic Impact.** (to be completed with corporate sponsor if applicable) Indicate the economic impact or projected impact on the company of the proposed project over the next five years in terms of jobs created, jobs retained, increased sales or grant revenue or other projected impact. In general terms, discuss the impact the project could have on the company long term if successful. Include new market applications, improved competitiveness, etc. If this is a continuation, please include actual impact to date and progress toward commercialization as appropriate. (1 page max)

20. Is this or a related proposal currently under review by other funding agencies? On a separate sheet, provide the following information for each current and pending research project for each Principal Investigator and each Co-Investigator. Use the following format:

Name of Principal Investigator:

Project Title:

Agency & Project#:

%Effort of ITD proposed PI or Co-PI:

Award Term:

Total Annual Support:

Total Support:

Potential overlap with this Proposal:

21. Have you previously received support from the Center for Biotechnology? (Please list the year, title, date, and amount)

22. Have past projects supported by the Center led to any invention disclosures, patents, licenses to companies, new company formation, or leveraged new federal or corporate funding (provide details)? If yes, are there inventors that are not listed in this application?

23. Has the technology discussed in this proposal been disclosed yet to Tech Transfer Office? If yes, please provide a copy of the invention disclosure. Has the technology been patented or has a patent application been submitted (please provide copies)? Has this project received any prior industrial support? If yes, please indicate company sponsor/licensee.

24. Budget Justification (1 page max).

25. Facilities: On a separate sheet, specify the facilities (university and corporate if applicable) to be used for the conduct of the proposed research. Indicate the performance sites and describe capacities, pertinent capabilities, relative proximity, and extent of availability to the project. Under "Other", identify support services such as machine shop, electronics shop, and specify the extent to which they will be available to the project as appropriate. Use the following format.

Laboratory:

Clinical:

Animal:

Computers:

Office:

Other:

Major equipment: List important equipment needed & available for project, noting location and pertinent capabilities of each.

26. Attach a letter of support from the match-funding NYS company stating: 1) the amount of funding they will provide, 2) that the company has a presence in NYS, 3) if the company is considered a "small" company (fewer than 250 employees) and 4) how this project will benefit the company.

27. PI's requesting a second or third year of funding for the same project, or who were funded last year for a different project, must include a progress report.

28. Complete the attached Center Budget and Company Contribution Budget.

29. Complete the attached biographical sketch for the Principal Investigators and each Co-Investigator (limit 2 pages per investigator).

30. PI's must receive all authorizations from chairs, deans, and Sponsored Program office (4 page SUSB299 form or equivalent; one photocopy of this form). Submit one original and six photocopies of complete proposal to the Center for Biotechnology.

Applications are due Friday, Feb 1, 2008, 4PM

Principal Investigator _____

CENTER BUDGET

From _____ To _____

PI and Co-PI Name& Title	% Time	Salary	Fringe Benefits	Total
OTHER PERSONNEL: (List number in brackets) <input type="checkbox"/> Research Faculty who are PI's or Co-PI's can allocate up to \$6,000 for salary support <input type="checkbox"/> Postdoctoral Associates (fringe benefits = current rate)				
<input type="checkbox"/> Graduate Students (fringe benefits = or current rate)				
<input type="checkbox"/> Other (Specify)				
Subtotal "Other Personnel" (a)				
INDIRECT COSTS: (15% of "Other Personnel" Costs) (b)				
(Equipment cannot not be purchased on Center budget; use Company Contribution Budget) (c)				N/A
ANIMAL RESEARCH: (Include description, purchase price and maintenance) (d)				
SUPPLIES: (Itemize by category. Computers must have prior approval and must be directly relevant to this project) (e)				
OTHER EXPENSES: (Itemize by category) (f)				
TUITION (Required for all graduate students on this project; for 2007-8 this is \$1725 per semester or \$3450 for year) (g)				
TOTAL COSTS (add a - g)				

Principal Investigator: _____ Company Sponsor: _____

COMPANY CONTRIBUTION BUDGET

Label "in-kind" (non-cash) contributions as "in-kind." Review instructions before completing this form.

From _____ To _____

Name	Title	% Time	Salary	Fringe Benefits	Total
OTHER PERSONNEL: (List number in brackets)					
() Postdoctoral Associates (fringe benefits = current rate)					
() Graduate Students (fringe benefits = current rate)					
() Other (Specify personnel; Please note that company personnel costs cannot be considered in matching funds.)					
Subtotal "Personnel" (a)					
EQUIPMENT: (Itemize - unit value of \$5000 or more. Must have prior approval)					
(b)					
ANIMAL RESEARCH: (Include description, purchase price and maintenance)					
(c)					
SUPPLIES: (Itemize by category. Computers must have approval)					
(d)					
OTHER EXPENSES: (Itemize by category)					
(e)					
TUITION (Required for all graduate students on this project; for 2007-8 this is \$1725 per semester or \$3450 for year)					
(f)					
TOTAL DIRECT COSTS (add a-f) excluding in-kind personnel costs					
(g)					
INDIRECT COSTS: 15% of Total Direct Costs less total in-kind contributions:					
(h)					
TOTAL COSTS					
(add g+ h)					

Principal Investigator _____

31. Attach curriculum vita for Principal Investigator and each Co-Investigator (2 pages each max).

BIOGRAPHICAL SKETCH

Name:

Title:

Education/Training: *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training).*

INSTITUTION AND LOCATION	DEGREE	YEARS	FIELD OF STUDY

RESEARCH AND PROFESSIONAL EXPERIENCE: Concluding with current position, list in chronological order, previous employment, experience, and honors. Include present membership on any Federal Government public advisory committee. List in chronological order, title, authors, and complete reference of all publications during the past 3 years, as well as prior publications relevant to this application. **(2 page max)**