

TechAdvance® - Application

Project Title -
Innovator -

Internal Information (only visible to Program and Supervising Managers)

Internal application_id:

Internal form_id:

Origin:

Submitted:

Date Submitted:

TechAdvance® form notes:

Application Summary

Application ID:

Rutgers Technology ID Number(s). Please provide the docket number(s) assigned by Innovation Ventures to the disclosure covering this technology. If there are multiple dockets, please provide all docket numbers that are applicable. If you don't know the docket number for this technology, please contact your licensing manager:

Type of Funding:

TechXpress - Up to \$ 15,000 ; **TechAdvance** - over \$ 15,000 and up to \$ 75,000
(Copyright technologies up to \$25,000) in total funding.

Project Title:

Date of Application:

Innovator First Name:

Innovator Last Name:

Innovator E-mail Address:

Applicant Mailing Address:

Applicant Phone:

Department:

Department Chairperson:

Department Chairperson E-mail:

Business Administrator Name:

Business Administrator E-mail:

License Manager:

License Manager E-mail:

Areas of Research

The following categories will be used to assign grant proposals to individual Reviewers based on their areas of expertise. Please check up to three categories that apply to your proposal by clicking on the appropriate boxes.

Advanced Materials and Chemicals

- ☐ Biomedical Applications
- ☐ Industrial Applications

Research Team

Internal research team members: The PI and the team members listed below will be sent an IP rights assignment to Rutgers document via DocuSign at the time the proposal gets awarded. PI

please ensure that you and the team members complete your respective sections in a timely manner.

External research team members: The PI ensures that all team members listed below are well-informed that Rutgers takes the lead on the IP associated with this technology. Every relationship between an external organization/academic partnership is unique and the PI is encouraged to consult with their assigned licensing manager to discuss any IP related concerns that these team members may have, so that both parties can work on appropriate agreements as required. If the team member is a part of a CRO/consulting organization for whom services will be paid through the TechAdvance® award, the PI ensures that the listed members go through the Rutgers Procurement route for approval.

Last Name:

First Name:

E-mail:

Role:

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☐

Not applicable

☐ The PI hereby acknowledges that the above note and information was communicated to all internal and external research team members listed in this proposal.

Abstract

Please provide concise answers to the following questions.

In three sentences, please explain in layman's terms what your technology will do, who will use it, and why it will be an important and unique solution at the time when it goes to market. (Please provide non confidential information to be viewed by anyone in the system.)

Who will be the main customer or user of your technology? What is the unmet need that your technology addresses for them? (Please provide non confidential information to be viewed by anyone in the system.)

What is the estimated US market size and # of users/customers for this technology? Please work with your assigned licensing manager for assistance as needed.

What is unique about your proposed solution?

What is the scientific/technological problem you are trying to solve?

How do you plan to solve the problem?

Intellectual Property

Are you aware of any intellectual property outside the scope of this application which may be required in order to practice the technology underlying this application?

Keywords

Please provide the top five keywords that you would use to describe your project and underlying technology:

Past Academic and Industrial Collaboration

Please list any past academic and industry collaborations related to this project and indicate if these relationships have a vested interest (a personal stake or involvement with an expectation of financial gain) in your technology.

Name:	Organization:	Vested:
		<input type="checkbox"/>
		<input type="checkbox"/>

Current Academic and Industrial Collaboration

Please list any current academic and industry collaborations related to this project and indicate if

these relationships have a vested interest (a personal stake or involvement with an expectation of financial gain) in your technology.

Name:

Organization:

Vested:

☐
☐

Not applicable

Proposed Future Academic and Industrial Collaboration

Please list any proposed future academic and industry collaborations related to this project and indicate if these relationships have a vested interest in your technology.

Name:

Organization:

Vested:

☐
☐

Not applicable

Industry Inputs

Please list at least three (3) potential licensees and/or industry partners that are likely to be interested in this technology, now or in the future.

With the help of your Licensing Manager (LM) reach out to and list three potential industry partners. **If you and your LM are not able to achieve this requirement, please provide an explanation in the application as to why this is the case.** This forms an important component of evaluating the proposal for a TechAdvance® award.

Detailed industry input MUST come from a contact at a company that has the potential to sponsor further development or license the technology after the completion of this proposed TechAdvance® project. Please provide inputs to these requests:

As part of your application, you must have made at least one contact with a potential licensee or industry partner (you may contact your licensing manager for assistance with this). Note that this contact cannot be a technical partner, investor, or someone affiliated with a company or startup that the inventors are also affiliated with.

The name of a company that was contacted:

The name and title of the person you contacted at this company:

The name of the person who made the contact (e.g. yourself, licensing manager, team member):

Approximate date of the contact:

What experiments/data/prototype does the industry contact want to see as an outcome of this TechAdvance® project in order to be able to make a decision to partner with Rutgers to move this technology towards commercialization? Please be as specific as possible about the potential partner's requirements or the results they would like to see and quantify your answer when possible.

What is the current available solution/standard of care for the problem your technology is hoping to address? How is your technology different and better?

Glossary

Please provide a concise glossary and explanation of the main technical terms relating to this project.

Term:

Definition:

<input type="text"/>	<input type="text"/>
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☐

Not applicable

Recommended Readings / Resources

Please provide references or URL's to any publications or other sources that may assist in evaluating the project. Optional: You may upload copies of relevant publications under *Additional Documentation*.

Reference:

URL:

<input type="text"/>	<input type="text"/>
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☐

Not applicable

Description of Research Accomplished So Far

Please provide a description of the research done so far with regards to this technology:

Number Of Milestones

Enter the number of milestones, click the save button, then click the edit button to entry your milestone information.

1st Goal, Milestones and Statement of Work

For the 1st goal list the related milestones and the corresponding statement of work include study design and methodology. Make sure the 1st goal and its related milestones are specific and quantifiable.

1st Goal

1st Milestones

1st Statement of Work

What is the quantifiable criteria you will use to determine whether you achieved the 1st goal?

Reproducibility

Please list below the measures you are planning to take to ensure that the results of your project will be reproducible. Those measures may include but are not limited to: (i) developing simple and easy-to-implement experimental design, (ii) providing detailed protocol, (iii) capturing and saving all activities and data related to the project. Please provide specifics as they relate to your proposed project.

Measuring Success

What are the quantitative measures of success or failure that you will use to track progress in solving this problem?

Commercial Applications

Please describe the potential commercial applications for this technology. Include any available information about market size, and a comparison between your solution and other competing solutions - either on the market or under development - that you are aware of.

Beyond This Project

Please indicate the development steps necessary following this project to commercialize this technology.

Funding to Date

Please provide information about all previous, current, and planned future funding related to this project. Please include specific sources and dollar (\$) amounts. Do any of the funding institutions have or will have rights to the proposed technology? If yes, please explain and complete the documentation of assigning IP rights to Rutgers.

Research Team Information

Please provide brief background information/bio for each of the project's team members. Do not include list of publications or presentations.

Supplemental Information

We encourage you to submit a list of grants received and any reviews for other grant applications you have submitted for this technology or related work.

Additional Supporting Documentation

Please upload any relevant materials related to your application (Eg. Resumes, past award letters, presentations, spreadsheets and charts, diagrams, media files etc.).

ID	Uploaded	Type	File / Description
1561	2021-03-18 23:11:44	docx	
1560	2021-03-18 23:11:32	pdf	

Notice

The sum of the *Total Personnel Costs*, the *Equipment Total* and the *Total Other Direct Costs* does not equal the *Total Milestones Cost*.

Personnel Costs

Since TechAdvance® is a Rutgers' internally funded program, faculty salaries may not be included in the budget. Post-Docs, students, and technicians are permitted.

Name:	Designation:	Base Salary:	% Effort:	Requested Salary:	Fringe Benefit:	Requested Fringe:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

☐ Not applicable

Total Personnel Costs:

Equipment Costs

Cannot exceed 10% of total project costs.

Equipment Description:	Type of Equipment:	Vendor:	Requested:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="\$ 0"/>

☐ Not applicable

Equipment Total:

Other Direct Costs

Materials and supplies:

Clinical costs:

Animal facilities:

Contractor / subcontractor costs:

Justification for other direct costs:

Total Other Direct Costs:

Total Budget Costs

This total budget costs must equal the total milestone costs on the next page:

Actual approved budget:

Notice

The sum of the *Total Personnel Costs*, the *Equipment Total* and the *Total Other Direct Costs* does not equal the *Total Milestones Cost*.

Budget By Milestone

Milestone Description:	Total Salaries:	Total Equipment:	Total Other Direct Costs:	Total Sub-Budget:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

This total milestones costs must equal the total budget costs on the previous page:

Disclaimer

☐ The Applicant/s agrees to the following:

- Principal Investigator (Applicant) agrees that all agreements with any third party relating to services performed as part of the project including, but not limited to, engagements and related agreements with consultants, contract research organizations, service providers, external collaborators shall be submitted to and administered by Rutgers University Procurement Services. Principal Investigator shall ensure that each such agreement shall contain provisions requiring such third party to assign to Rutgers all intellectual property (IP) developed as a result of such services.
- All Internal team members need to sign their respective IP rights assignment to Rutgers. The applicant and internal research team members listed on the grant will be sent a DocuSign IP rights form when awarded. This needs to be completed and submitted, failure to do so will delay the funding into the awardee's account. In the case that an internal collaborator leaves Rutgers or new research team members are added during the award period, it is the responsibility of the awarded PI to inform the appropriate licensing manager and the TechAdvance® team of this change. The outgoing team member who wants to continue participation in the PI's research program will need an express approval, which will be provided by the licensing manager and TechAdvance® team after they review the associated IP matters around the new relationship. All external team members are informed that Rutgers takes the lead on the IP associated with this technology, if there are questions please contact us.
- The Applicant understands that attendance at the 101 Bootcamp (or NVCF Symposium Series) is needed to qualify for a TechAdvance® Program Award and has uploaded the participation

certificate/s in the application form. Other team members are recommended to participate as well.

- To further Rutgers' mission of teaching, research, and service, the applicant understands that if the proposed project gets funded, he/she may be matched with an undergraduate TechAdvance® Fellow. If matched, the applicant, together with the TechAdvance® team, will be asked to mentor and educate the Fellow on the research as well the commercialization aspects of the funded project. Details will be provided prior to any matching.

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