



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2021-2022

LFIR # 1139

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

The facility will enable the isolation of sterile cell particles called "esosomes" derived from human mesenchymal stem cells (MSCs; a type of adult stem cell). The MSC functions to dampen inflammation and it does so by production of exosomes that contain anti-inflammatory molecules. By directly isolating these exosomes and giving them to patients intravenously, we propose that they would serve as a more potent agent in stopping inflammation.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2021-2022

Type of Funding	Amount
Operations	1,000,000
Fixed Capital Outlay	0
Total State Funds Requested	1,000,000

7. Total Project Cost for Fiscal Year 2021-2022 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	1,000,000	100%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
Total Project Costs for Fiscal Year 2021-2022	1,000,000	100%

8. Has this project previously received state funding?

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		

9. Is future funding likely to be requested?

a. If yes, indicate nonrecurring amount per year.

b. Describe the source of funding that can be used in lieu of state funding.

10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?



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If yes, indicate the amount of funds received and what the funds were used for.

\$41 million. Student Aid and Financial Assistance

11. Details on how the requested state funds will be expended

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other	Funds are requested for installation of a Good Manufacturing Practices Cleanroom (HEPA filtered containment facility) that conforms to ISO-7 guidelines, with relevant equipment for cell manipulation (sterile hood, incubators, centrifuges, microscopes), including an anteroom for gowning.	1,000,000
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		1,000,000

12. Program Performance

a. What specific purpose or goal will be achieved by the funds requested?

The goal is to expand regenerative medicine in Florida. The facility will enable isolation of sterile cell particles called "exosomes" derived from human mesenchymal stem cells (MSCs; a type of adult stem cell). The MSC functions to dampen inflammation by the production of exosomes that contain anti-inflammatory molecules. This product is designed for healing and repair of human cells and organs. The initial focus will be COVID19 and infectious diseases; but also applies to other diseases.

b. What activities and services will be provided to meet the intended purpose of these funds?

It is anticipated that the project will yield therapeutic approaches to treat chronic, debilitating inflammation that occurs following COVID-19.

c. What direct services will be provided to citizens by the appropriation project?

The project offers a novel therapeutic approach to treat COVID-19-related long-term effects ("long hauler" syndrome).

d. Who is the target population served by this project? How many individuals are expected to be served?

All people who have been infected with COVID-19

e. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?

Persons with "long hauler" COVID-19 syndrome are debilitated.

f. What are the suggested penalties that the contracting agency may consider in addition to its standard penalties for failing to meet deliverables or performance measures provided for the contract?



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Return of funds to the State of Florida

- 13. The owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owners of the facility and the entity.**

Florida International University



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14. Requestor Contact Information

a. First Name Last Name

b. Organization

c. E-mail Address

d. Phone Number Ext.

15. Recipient Contact Information

a. Organization

b. Municipality and County

c. Organization Type

- ☐ For Profit Entity
- ☐ Non Profit 501(c)(3)
- ☐ Non Profit 501(c)(4)
- ☐ Local Entity
- ☒ University or College
- ☐ Other (please specify)

d. First Name Last Name

e. E-mail Address

f. Phone Number

16. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number