



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1442

- 1. Project Title**
- 2. Senate Sponsor**
- 3. Date of Request**

4. Project/Program Description

The Miami Project to Cure Paralysis has assembled an international team of scientists, physicians and therapists and is the nation's premier investigative program conducting cutting-edge discovery, translational, and clinical investigations targeting brain and spinal cord injuries. This involves moving promising new research in the areas of neuroprotection, cell therapy, drug discovery, rehabilitation, and neuromodulation approaches to clinical application in humans. Our comprehensive quality of life programs addresses issues like neuropathic pain, bladder and bowel function, cardiometabolic health and COVID-19. Discoveries made at The Miami Project have been successfully translated to clinically relevant models of brain and spinal cord injury thus providing essential proof-of-concept data to determine future human studies. This research has the potential to be translated to treat other neurological disorders such as Multiple Sclerosis, Parkinson's and Alzheimer's disease.

- 5. State Agency to receive requested funds**
- State Agency contacted?** Yes

6. Amount of the Nonrecurring Request for Fiscal Year 2022-2023

Type of Funding	Amount
Operations	2,000,000
Fixed Capital Outlay	0
Total State Funds Requested	2,000,000

7. Total Project Cost for Fiscal Year 2022-2023 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	2,000,000	12%
Matching Funds		
Federal	4,584,711	27%
State (excluding the amount of this request)	2,195,374	13%
Local	0	0%
Other	8,164,494	48%
Total Project Costs for Fiscal Year 2022-2023	16,944,579	100%

- 8. Has this project previously received state funding?** Yes

Fiscal Year (YYYY-YY)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
2021-22	0	1,000,000	507	No

- 9. Is future funding likely to be requested?** Yes
- a. If yes, indicate nonrecurring amount per year.**

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



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If the current economic conditions would improve, private philanthropic support could assist in research funding. Increased federal spending for medical research would also allow our scientists to apply for additional federal research grants.

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

No

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

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits	Scientific Director (salary and benefits)	58,299
Other Salary and Benefits	Salary and Benefits other personnel	162,058
Expense/Equipment/Travel/Supplies/Other	Equipment, supplies, animals and F&A	121,509
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits	Scientists, research associates, post docs and lab technicians	1,150,654
Expense/Equipment/Travel/Supplies/Other	Other Lab supplies, animals, core and F&A	507,480
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)		2,000,000

12. Program Performance

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

The goal of The Miami Project is to develop new therapeutic interventions to improved clinical care for those living with a traumatic brain and/or spinal cord injury and other disorders that lead to paralysis and loss of function. The proposed research programs will provide the scientific and medical community with new knowledge related to cellular and molecular injury mechanisms that represent new therapeutic targets for drug discovery and other strategies that protect and repair the nervous system after acute and chronic injury. In addition, the funds provided by the State will also allow our scientists to obtain critical data necessary to submit successful NIH, Department of Defense and Department of Veterans Affairs grant applications which are critical to moving our FDA Approved Clinical Trial programs forward.

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

The research that will be conducted includes basic science to further understand the pathophysiology of neurological disorders, translational research necessary to move these basic discoveries forward to clinical application and our clinical trials which are testing these therapies in research subjects to determine their safety and efficacy. The Miami Project has established a successful pipeline for the translation of new discoveries to the clinic that has already resulted in significant improvements in the care and treatment of patients.

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

Individuals who qualify for our clinical trials will be enrolled and able to participate in our research studies.

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



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The target populations served by this project are people living with paralysis following spinal cord injury, peripheral nerve injury, traumatic brain injury and other neurological conditions such as multiple sclerosis and neurodegenerative disorders.

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

Each project will address specific research questions that are highly relevant to an important scientific problem using established technologies and experimental protocols. During the funding period, progress will be evaluated by written progress reports including qualitative and quantitative data related to the proposed specific aims. These findings will then be submitted to scientific journals for peer review and publication.

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?

The penalty for failing to meet the conditions of the contract is termination.

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.

N/A



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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