



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1017

1. Project Title Research University Alzheimer's Research Using Exablate Neuro focused Ultrasound

2. Senate Sponsor Ana Maria Rodriguez

3. Date of Request 10/06/2021

4. Project/Program Description

BOG allocates funds to Research Universities partnering with a hospital to conduct Alzheimer's research utilizing Exablate Neuro focused ultrasound for blood brain barrier disruption and targeted drug delivery, as feasible.. Funds shall only be granted to qualifying SUS institutions that are utilizing a private contribution from Insightec of the use of an Exablate Neuro focused ultrasound low frequency machine to conduct the research and conduct trials.

5. State Agency to receive requested funds Board of Governors

State Agency contacted? Yes

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

Type of Funding	Amount
Operations	5,000,000
Fixed Capital Outlay	0
Total State Funds Requested	5,000,000

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)	5,000,000	45%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	6,000,000	55%
Total Project Costs for Fiscal Year 2022-2023	11,000,000	100%

8. Has this project previously received state funding? Yes

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
2021-22	0	4,500,000	164A	No

9. Is future funding likely to be requested? Yes

a. If yes, indicate nonrecurring amount per year. 5,000,000

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

Private contributions and federal grants

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

No



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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		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other	The trial costs incurred by the university/health systems where the Exablate Neuro focused ultrasound system is placed amounts to about \$60K per patient. The goal in year 2 is for the technology to be placed in 2 additional hospitals who are partnering with Universities and for about 80 additional Alzheimer's patients to have access to treatment across these state institutions. We are anticipating over 500 patient to be treated in the trials over 6 years.	5,000,000
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)		5,000,000

12. Program Performance

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

BOG allocates funds to Research Universities partnering with a hospital to conduct Alzheimer's research utilizing Exablate Neuro focused ultrasound for blood brain barrier disruption and targeted drug delivery, as feasible. Funds shall only be granted to qualifying SUS institutions that are utilizing a private contribution from Insightec of the use of an Exablate Neuro focused ultrasound low frequency machine to conduct the research and conduct trials.

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

The Florida state University/health systems chosen to receive the donated use of the Exablate machines will be utilizing this advanced technology to treat 500-1000 Alzheimer's patients in the largest global basket trial for Alzheimer's disease for targeted drug-delivery into the brain, as feasible.

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

Between 500-1000 patients with Alzheimer's disease will have direct access to Exablate technology that will allow drugs, stem cells, gene therapies and other therapeutics to traverse the blood brain barrier and reach their intended targets deep in the brain, with the ultimate goal of reducing beta-amyloid plaques in the brain, and finding the cure to Alzheimer's Disease.

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

Elderly Persons

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



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Alzheimer's patients who qualify for the treatment under the FDA approved trial will exhibit improved functionality due to the deceleration of disease advancement. Use of Insightec's cutting edge technology to halt, regress Alzheimer's plaque Patient and Caregiver reported improvements. Measurements based on number of patients treated over the span of the program and length of the trials.

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?

Return of funds from BOG

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