

# Florida Department of Health

## FLORIDA'S BIOMEDICAL RESEARCH ADVISORY COUNCIL UPDATE - SEPTEMBER 2023

**Daniel Armstrong, PhD**  
Chair, Florida Biomedical Research  
Advisory Council



# Biomedical Research Advisory Council

Daniel Armstrong, PhD (Chair)  
University of Miami Miller School of Medicine  
**Seat: American Cancer Society**

Stephen Black, PhD  
Director, Center for Translational Science  
Florida International University  
**Seat: Governor**

Shaye Moskowitz, PhD  
Neurosciences Medical Director  
Broward Health Physicians Group  
**Seat: Governor**

Akram Shibani, PhD  
Ascension Medical Group  
St. Vincent's Lung Institute  
**Seat: Governor**

Nicole de Lara Puente  
Chief Executive Officer  
Live Like Bella® Childhood Cancer Foundation  
**Seat: Governor**

Guilherme Oliveira, MD, MBA  
Tampa General Hospital, University of South  
Florida  
**Seat: House of Representatives**

Roxana S. Dronca, MD  
Director, Mayo Clinic Comprehensive Center  
**Seat: House of Representatives**

Tushar Patel, MB, ChB  
Mayo Clinic Jacksonville  
**Seat: Senate**

## Vacant Seats:

1 Senate

1 American Heart Association

1 American Lung Association

# Current Funding Opportunities

## James and Esther King Biomedical Research Program

- \$7.85 million available to award research grants in Fiscal Year 2023-2024  
Proceeds from the Lawton Chiles Endowment Funds ended June 2022

## Bankhead-Coley Cancer Research Program

- \$10 million available to award research grants in Fiscal Year 2023-2024  
(Includes \$500,000 appropriated annually to the McKnight Brain Institute paid for through this fund)

## Live Like Bella Pediatric Cancer Research Initiative

- \$3 million available to award research grants in Fiscal Year 2023-2024

***BIOMEDICAL RESEARCH FY 23-24 GRANT APPLICATION PROCESS WAS COMPLETED. APPLICATIONS ARE CURRENTLY IN PEER REVIEW***

# Direct Appropriations - Florida Cancer Collaborative Innovation Fund (FCCIF)

**\$20 million is designated for cancer research funding with the potential of recurring funding pending annual appropriation.**

- **Emphasis Areas**

- **Innovation**
- **Data Statistics**
- **Best Practices**

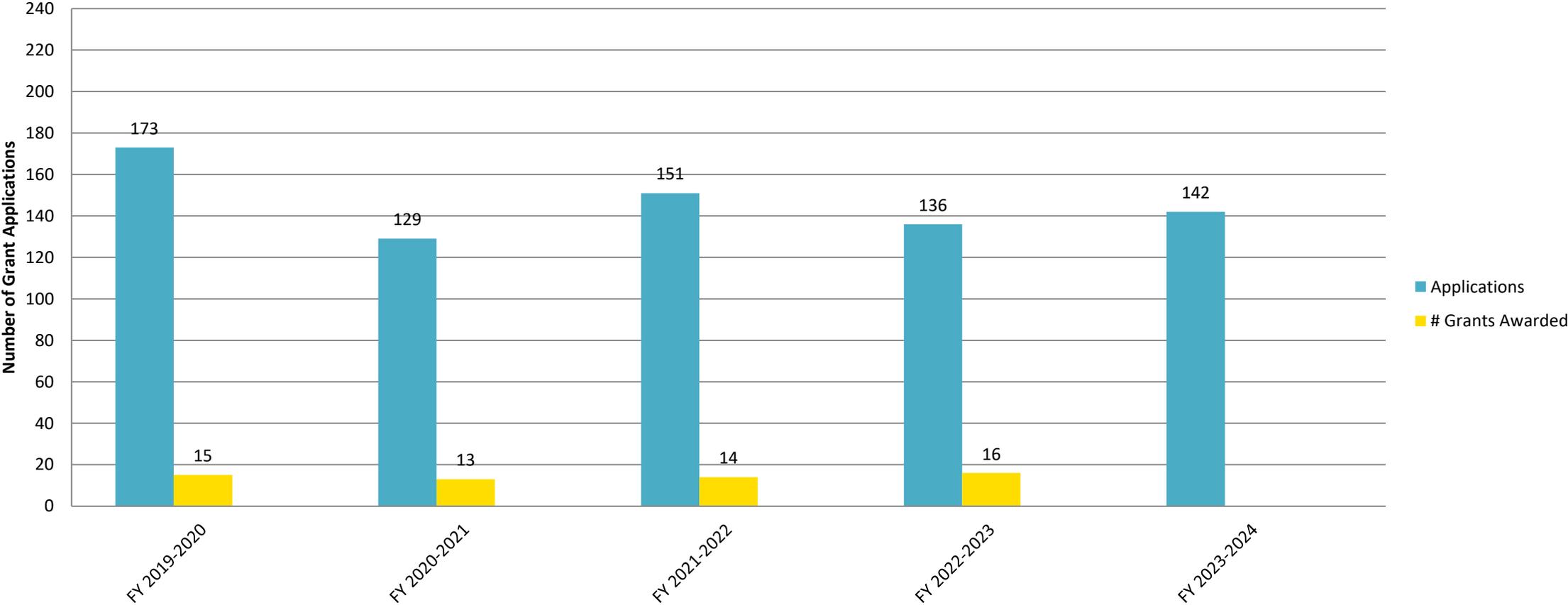
- **Grant Categories**

- **Consortium**
- **Standard Grant**
- **Pilot**
- **Post-doctoral Fellowship Grant**

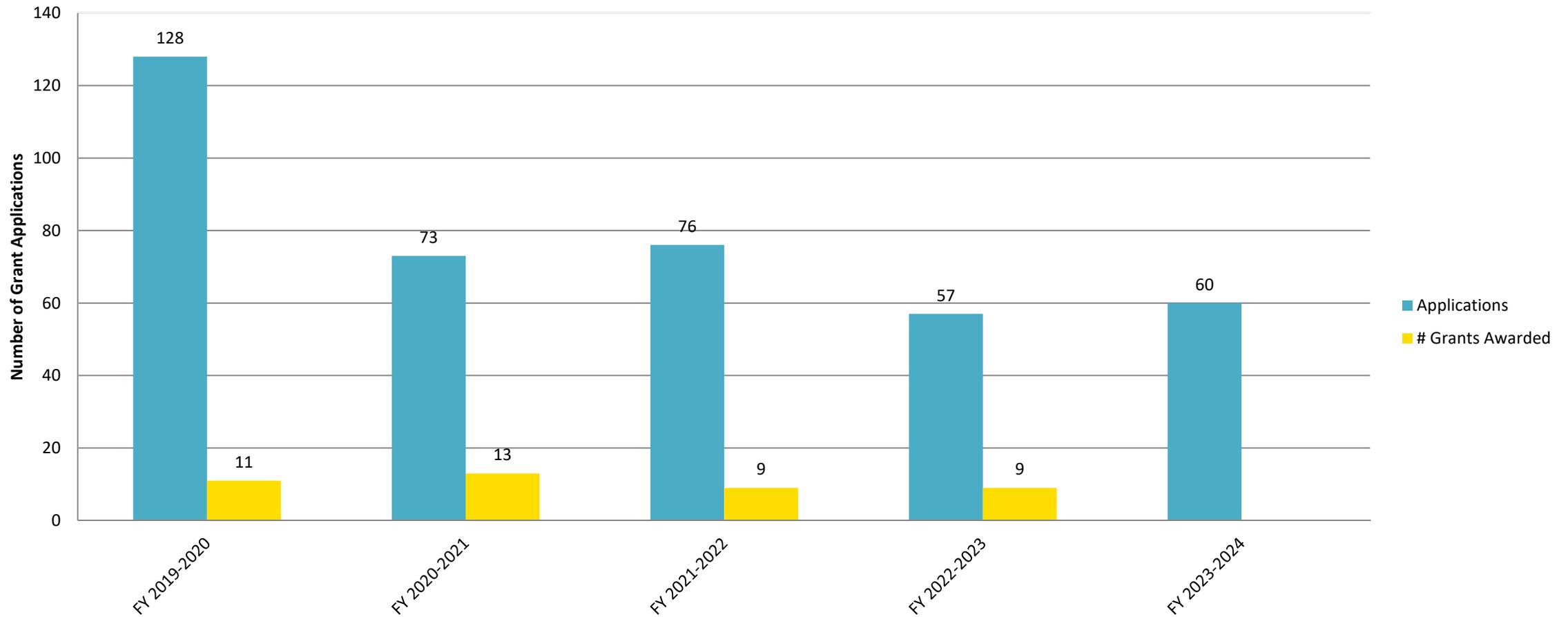
## IMPORTANT STEPS

- ✓ Letter of Intent begins on Wednesday, October 4<sup>th</sup> at 2:00 PM
- ✓ Joint Committee to be established
- ✓ Awards mid-November

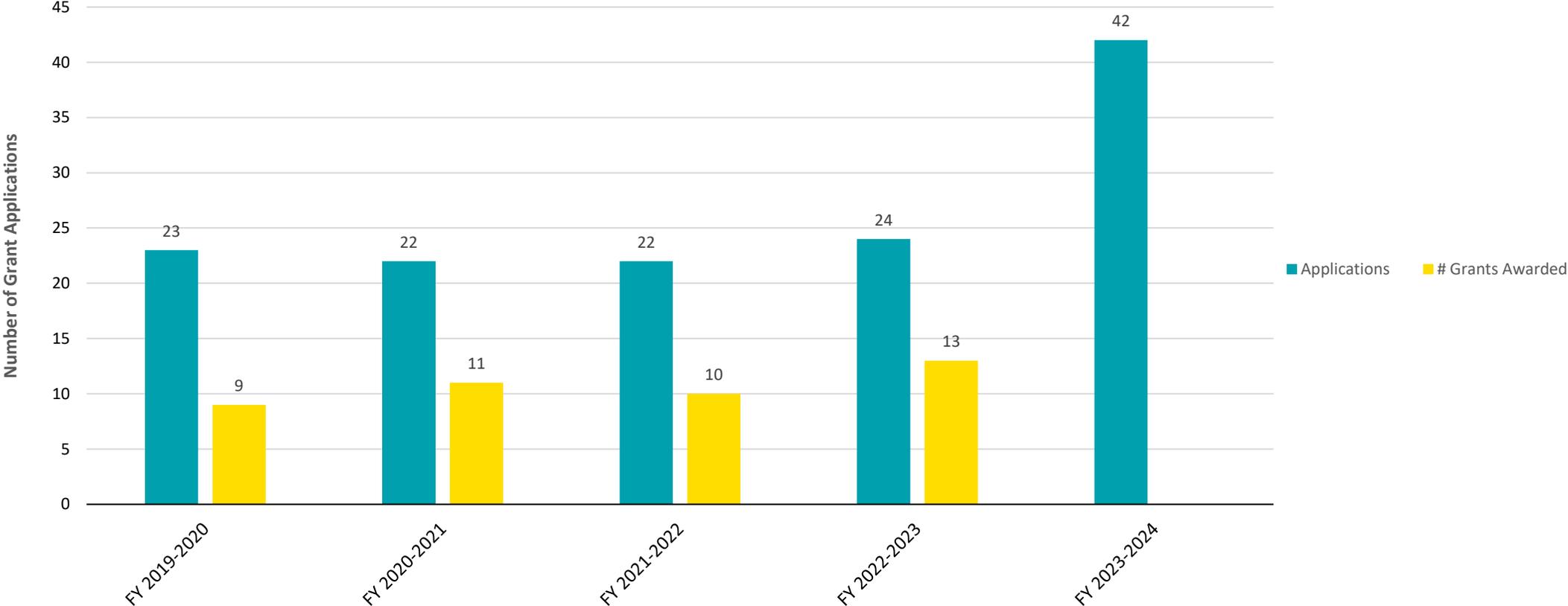
# Bankhead-Coley Applications and Funded Projects



# King Applications and Funded Projects

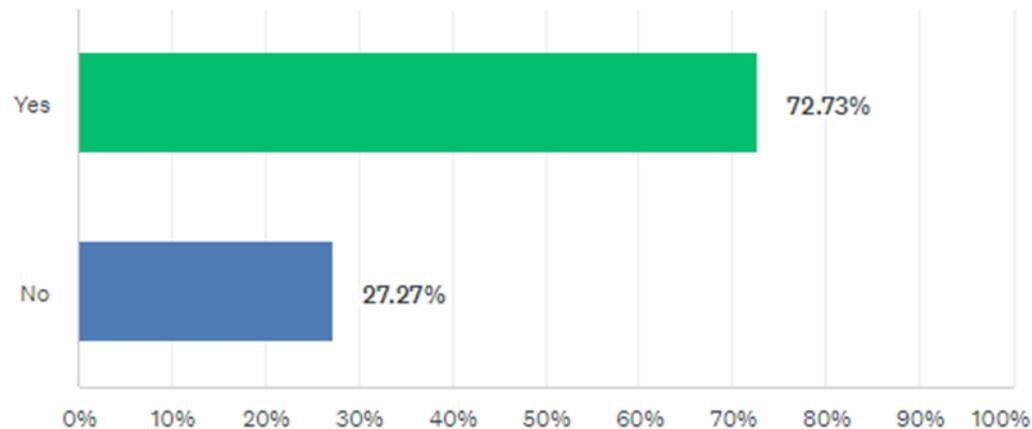


# Live Like Bella Applications and Funded Projects



# Biomedical Research Grants Long-Term Impact – Researchers Funded 2011-2013

Did the Biomedical Research Grant funding help support you receiving tenure or promotion?

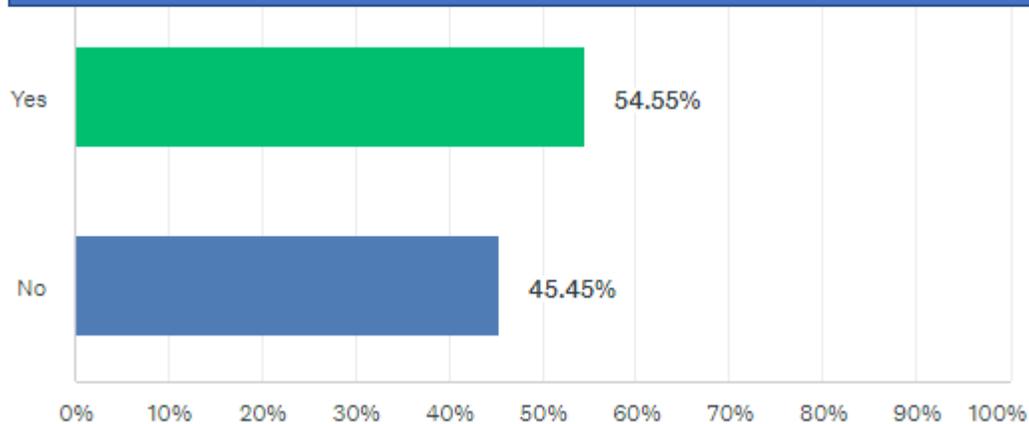


Feedback on Biomedical Research Grant Program Impact on Researchers' Careers

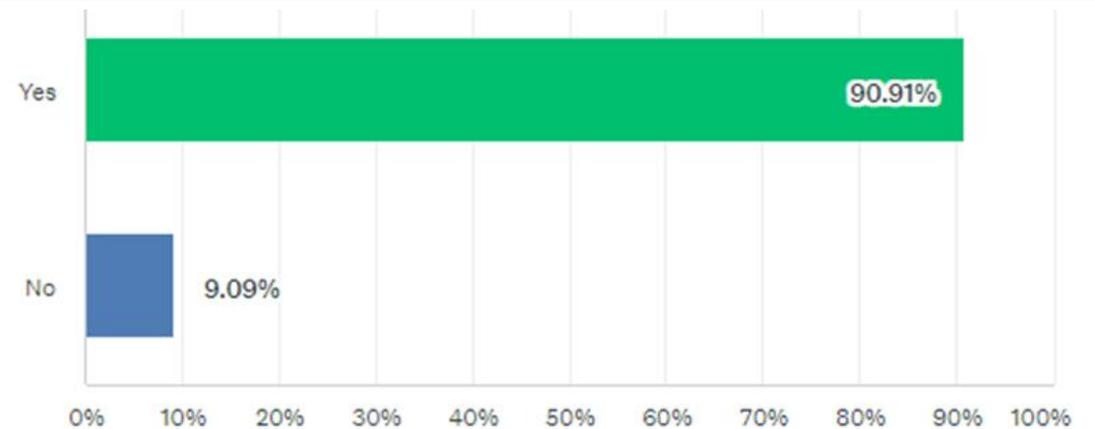
- ✓ Allowed continuation of research during loss of NIH funding
- ✓ Tested new anticancer drug which was patented and distributed to other researchers
- ✓ Helped me to establish a research program in Epigenetics
- ✓ Florida Biomedical Research Grant Program funding enabled me to test an idea that blood vessels are a sanctuary site for cancer, which led to the development of new cancer treatments translated into clinical treatments for cancer patients
- ✓ The funding by FDOH led to multiple publications, patents, and additional funding from NIH. Several compounds discovered as a result of FDOH funding are in pre-clinical trials showing promise for further development

# Biomedical Research Grants Long-Term Impact - Continued

Did the Biomedical Grant funding provide the basis for any research patents and/or treatments currently being used in patient care?



Did the Biomedical Grant funding subsequently help you receive other funding?



# Biomedical Research Grants Long-Term Impact - Continued

## Success Stories

- This state funding kept me in the State of Florida and enabled me to invent new treatments for cancer patients in Florida. Florida is gravely underfunding this program compared to Texas and other large states that are serious about investing in their research workforce. The Biomedical Medical Research Program needs 5X more funding
- This funding resulted in a novel cancer therapy that is currently in clinical trials, with the technology acquired by a multi-national Pharma company
- Our early work in minimally invasive staging of lung cancer has now transformed the field from surgical (mediastinoscopy) to endoscopic (endobronchial FNA), as well as led to related advances in early pancreas cancer detection
- The technician working on the project went to medical school and is now a resident of radiology. His father, a citizen of Palm Beach, came to my office and told me that research had transformed his son's life

# The Florida Cancer Centers of Excellence Re-Designation

Application cycle for re-designation continues through October 13<sup>th</sup>.

Re-Designation is required for:

- Mayo Clinic Jacksonville
- Moffitt Cancer Center
- UM Sylvester Cancer Center
- UF Health Cancer Center (includes UF Shands Hospital, UF Health Proton Therapy Institute and Orlando Health's Orlando Regional Medical Center)

**Joint Committee will be needed in November (BRAC and CCRAB)**

# Joint Committee for the Florida Cancer Centers of Excellence Program

The Joint Committee, consisting of 13 members (7 from CCRAB, 6 from BRAC) is required to:

- Develop rigorous performance measures, a rating system, and a rating standard that must be achieved to document and distinguish a cancer center that excels in providing quality, comprehensive, and patient-centered coordinated care.
- Review at least every 3 years and revise, if applicable, the performance measures, rating system, and rating standard to ensure providers are continually enhancing their programs to reflect best practices and advances in cancer treatment and care from the perspective of quality, comprehensive, and patient-centered coordinated care.

Performance Measures and Rating System:

[Re-AccreditationCancerCenterofExcellencePerfMeasuresFINAL.pdf \(floridahealth.gov\)](#)

The Florida Cancer Control and Research Advisory Council and the Biomedical Research Advisory Council will review and approve prior to the evaluation of any provider under such criteria.

# Current Cancer Centers of Excellence

- Moffitt Cancer Center
- University of Miami Sylvester Cancer Center
- UF Health Cancer Center (includes UF Shands Hospital, UF Health Proton Therapy Institute and Orlando Health's Orlando Regional Medical Center)
- Mayo Clinic Jacksonville
- Memorial Cancer Institute Florida Atlantic University
- Cleveland Clinic Florida-NEW as of 9/1/22

# Contact Information



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