

Principal Investigator: [Click here and type last name, first name]

**2024 APPLICATION FOR A PILOT PROJECT GRANT FROM the GW AMERICAN CANCER SOCIETY (ACS) INSTITUTIONAL RESEARCH GRANT (IRG)**

**1. GW Cancer Center ACS-IRG Cover Page**

<b>BIOGRAPHICAL INFORMATION</b>			
First Name, Last name, Degree(s)			
Academic Title		Department	
School			
Citizenship Status			
		U.S. citizen or noncitizen national	
		Permanent resident of U.S.	
Year last degree conferred:		Year of first independent position:	
<i>Applicants must be within six years of their first independent research or faculty appointment, must be salaried faculty with appropriate committed research facilities, and may not have competitive national funding active at the start date of the proposed IRG allocation. The department chair/ division director must comment on eligibility in a support letter.</i>			

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## 2. Project Title: (200 characters limit) and Abstract (150 words)

**Project Title:** a 200-character limit title for the proposed research. Where possible, limit abbreviations.

**Abstract:** A 150-word description of your research project written in “lay” language is required. The purpose of the summary is to provide a clear overview of the research in straightforward, non-technical language to be shared with donors, the general public, and the media. Provide investigator information, as well as your mentor’s name.

## 3. Research Plan

*The intent of the ACS IRG is to support junior faculty in initiating cancer research projects so they can obtain preliminary results that will enable them to compete successfully for national research grants. As a result, condensed versions of R01 (or equivalent) grant applications are not likely to be favorably reviewed by the IRG committee.*

**Research Plan/Description of Research Proposed (Strict 4.5- page maximum—not including references).** The proposed research plan should represent a realistic set of goals for a one-year period. Please use the following headings and suggested page limits:

**3A. Background, Preliminary Investigation and Cancer Relevance (1 page)** Discuss the pertinent research findings in the scientific literature and how this proposal will add to these results. Discuss any preliminary data obtained by the applicant that are relevant to this proposal. Explain the relevance of the work to cancer. Any figures must fit within the overall page limit, and no appendices are allowed.

**3B. Objective/Hypothesis (about 1/2 page):** State concisely the hypothesis to be tested and the specific objective(s) to be achieved during the grant period. The objectives must be reasonable to achieve during the one-year period of grant support.

**3C. Proposed Study Design and Analysis (about 2.5 pages).** Concisely present the experimental design and the methods to be used to accomplish the specific aims. Indicate how the results will be interpreted and how they will lead to future investigations. Well-documented experimental methods and standard procedures may be described very briefly or referenced, but novel experimental approaches should be described in more detail. Incorporate how the project uses GWCC cores or GWCC members.

Discuss how the project addresses cancer disparities, if applicable.

**3D. Biostatistical Consult note (about 1/2 page).** If you consulted with a biostatistics professional, please identify which GW/CN biostatistics expert you consulted with for your Proposed Study Design and Analysis. Briefly describe the impact of this consult on your proposed project.

**3E. References (No specified page limit) - not included** in the 4.5-page Research Plan)

**4. Scholar NIH Biosketch and other support** (for instructions, see [NIH grants & funding](#)). Include “Other Research Support” which should include ALL research support available to the applicant (including federal, non-federal, institutional, private industry, etc., currently funded, and pending).

**5. Mentor NIH Biosketch and other support.** Include other Research Support information such as funding sponsor, sponsor’s project number (if applicable), title of project, dates of award, percent effort, direct costs, and goal of project. If applicable, please note any overlap in support with this IRG application.

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## **6. Proposed Budget**

Please use NIH detailed budget template format using “Form Page 4: Detailed Budget for Initial Budget Period” [here](#). Budgets may not exceed a total of \$60,000 in direct costs. Indirect costs are not allowable.

### **Expenditures Allowed:**

- Research supplies and animal maintenance
- Technical assistance
- Domestic travel necessary for research program
- Publication costs, including reprints not to exceed \$500
- Costs of computer time
- Special fees (pathology, photography, etc.)
- Stipends for postdoctoral assistants if their role is to promote and sustain the project presented by the junior faculty member
- Equipment costing less than \$2,000
- Registration fees at scientific meetings

### **Expenditures *Not Allowed*:**

- Secretarial/administrative salaries
- Salary of principal investigator (pilot project grant recipient)
- Student tuition and/or fees
- Foreign travel
- Honoraria and travel expenses for visiting lecturers
- Per diem charges for hospital beds
- Non-medical services to patients (patient travel or patient incentives are allowable)
- Construction, renovation, or maintenance of building/laboratory
- Books and periodicals
- Office and laboratory furniture
- Office equipment and supplies including laptop computers
- Rental of office or laboratory space
- Recruiting and relocation expense
- Dues and membership fees in scientific societies
- Indirect costs

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**7. Budget justification:** Limit: 1 page. Provide detailed information regarding budget expenditures.

**TOTAL AMOUNT REQUESTED:** \_\_\_\_\_ **TERM:** from \_\_\_\_\_ to \_\_\_\_\_

**BUDGET PROPOSED:**

**A. Personnel**

**B. Permanent Equipment (Eligible only if less than \$2,000)**

**C. Supplies**

**D. Miscellaneous**

**BUDGET JUSTIFICATION:**

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## **8. Human Subjects/Vertebrate Animals**

Approval Letters or Copies of submitted regulatory application forms to Protocol Review and Monitoring Committee or approval letters from GW iRIS or Office of Human Research (Radiation Safety Committee, Animal Studies, etc. if applicable).

**Human Research Studies Note:** All cancer-related research involving human subjects needs IRB approval before any of the awarded funds will be made available and before the research can commence. Applicants are strongly advised to contact the GWU Office of Human Research (<https://humanresearch.gwu.edu/>) several weeks prior to the application deadline for assistance with submission of research protocol information. Any application submitted without prior human research protocol submission will not be reviewed. Regardless of delays incurred due to the IRB review process, there will be no extensions made on the terms of the grant.

**Animal Studies Note:** Please include an approved [IACUC](#) protocol from the animal studies committee, or a draft of your planned submission and an expected approval date. Animal approvals must be in place prior to the funding start date.

***The materials in 1-8 should be combined into one pdf document for submission. Include a hyperlinked Table of Contents.***

**SUBMISSION:** [https://redcap.link/ACSIRG\\_Nov2024](https://redcap.link/ACSIRG_Nov2024)

**NEXT STEPS: Letters of Support:** Applicants must submit two letters of support by the deadline. These support letters must clearly show the applicant has the appropriate training, ability, and time available to complete the proposed project.

- Letter of Support from the department chair
- Letter of Support from the primary GWCC mentor. This LOS should address the space and resources the Mentor will provide to support the project, guidance the Mentor may provide, and how the mentor-mentee relationship will help move the mentee to greater independence

Please label these clearly with applicant and mentor name and submit directly to Pesh Rubinstein ([pesharubinstein@gwu.edu](mailto:pesharubinstein@gwu.edu)).