Project Title:

<table>
<thead>
<tr>
<th>Innovation Pilots</th>
<th>Statewide Collaboration</th>
<th>NCI Catalyst Award</th>
<th>Team Science</th>
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<tr>
<td>CB</td>
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<td>R01 Renewal</td>
<td></td>
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<tr>
<td>CPC</td>
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<td>R01 New</td>
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<tr>
<td>DT</td>
<td></td>
<td>Multi-Project</td>
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Contact Principal Investigator (PI)

Name (Last, First): __________________________ Degree(s): __________________________

Title: __________________________

Organization: __________________________

Department/Division: __________________________

E-mail: __________________________

For collaborative proposals

Co-PI Name (Last, First): __________________________ Degree(s): __________________________

Organization: __________________________

Title: __________________________

Department/Division: __________________________

Grant Administrator

Name: __________________________ Phone: __________________________

E-mail: __________________________

Dates of Proposed Period of Support

<table>
<thead>
<tr>
<th>Dates of Proposed Period of Support</th>
<th>Direct Costs Requested for Initial Budget Period (Year 1)</th>
<th>Direct Costs Requested for Entire Proposed Period of Support</th>
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<tr>
<td>MM/DD/YYYY</td>
<td>$ direct costs</td>
<td>$ direct costs</td>
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<tr>
<td>MM/DD/YYYY</td>
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Please check if either are applicable:

☐ MCC Application Re-submission

☐ Previously submitted to the NCI/NIH (Summary Statement included)

Please check each Massey Shared Resource being utilized for this project

- Bioinformatics Shared Resource
- Cancer Informatics Core
- Cancer Mouse Models Core
- Flow Cytometry Shared Resource
- Biostatistics Shared Resource
- Health Communication and Digital Information
- Microscopy Shared Resource
- Proteomics Shared Resource
- Tissue & Data Acquisition and Analysis
- Transgenic/Knock Out Mouse
- VCU Lipidomics/Metabolomics
- Office of Health Equity & Disparities Research

Research keywords and major techniques or methods for purpose of assigning reviewers

Provide three institutional non-conflicted faculty reviewer suggestions

1. __________________________ 2. __________________________ 3. __________________________

Lay Language Summary (This summary is provided to the public if awarded and should be written in non-scientific terminology. Failure to provide an adequate lay summary may result in delayed funding. Up to 250 words – Please use additional page if needed)
### Institutional Approvals & Related Questions

<table>
<thead>
<tr>
<th>Indicate compliance approvals that are required for this project:</th>
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<tbody>
<tr>
<td>☐ Live Animals       ☐ Human Subjects       ☐ Human Embryonic Stem Cells       ☐ Radioactive Materials       ☐ Recombinant DNA</td>
</tr>
</tbody>
</table>

#### Human Subjects

- Is this proposal funding clinical research?  
  - YES ☐  NO ☐
- Is this proposal funding an interventional clinical trial (as defined by the NIH, see RFA)?  
  - YES ☐  NO ☐
- Is this proposal funding a correlative study on a clinical trial?  
  - YES ☐  NO ☐

#### Inventions

- Do you anticipate any inventions, patents, and/or licenses resulting from this proposal?  
  - YES ☐  NO ☐

#### International & Export Controls

- Does this project have an international component?  
  - YES ☐  NO ☐
- Will any technology or technical information used or developed in connection with this research have an identified military application?  
  - YES ☐  NO ☐
- To your knowledge has any aspect of this project been designated by the NIH as export-controlled under the federal Export Control Laws?  
  - YES ☐  NO ☐

### PI Certification and Acceptance

I certify that the statements herein are true, complete and accurate to the best of my knowledge, and accept the obligation to comply with the terms and conditions if a grant is awarded as a result of this application. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to administrative penalties.

**SIGNATURE OF PRINCIPAL INVESTIGATOR**

Electronic signature accepted

**DATE**

### Official Signing for Applicant Organization

<table>
<thead>
<tr>
<th>Name:</th>
<th>SIGNATURE OF OFFICIAL NAMED</th>
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<tbody>
<tr>
<td>Title:</td>
<td>Electronic signature accepted</td>
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<tr>
<td>Organization:</td>
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