

Pathology & Laboratory Medicine Research Support Application

Principal Investigator (and Faculty Mentor as Co-PI if initiating investigator is Fellow, Post-Doc, etc.):	
Proposed Project Title: STK1	
Proposed Project Type:	
PLM Division:	PI Current Title:
Campus Address:	
Email:	Phone:
If applicable, has your proposal been sent to the IRB?	
Please provide a brief (maximum 5 pages) description of the proposed study in the boxes below. In addition, please submit a short CV or NIH Biosketch for each investigator and a letter of support from your division chief (or PLM Chair if the Division Chief is the applicant or a mentor) confirming qualifications and support to undertake your proposed project.	
Abstract: Summarize background information and literature, and state how they lead to the question(s) of interest. Include a concise justification and explanation of the research question(s) to be addressed. End by stating the general aim of the study and briefly mention the method(s) that will be used to address the question(s) and the impact.	
Background and Significance: Provide the details of the background information summarized in the Abstract paragraph. Explain what information is missing in the literature, and how the proposed study will address that gap. Finally, explain how the methods and/or information you collect will address the study question(s). Acknowledge any limitations or concerns related to the proposed methods, and explain how they have been or will be dealt with.	
Specific Aims/Purpose For a research project: detail the research question(s) and hypothesis(es) For a study: list the specific aims to be addressed. For equipment or travel: state the purpose and/or the specific aims.	

Research Design

Provide either the Research Design or a detailed rationale for the piece of equipment or the travel being proposed and the details of how the funds will be spent. If you are providing a research design, some important issues that should be addressed include:

- Study design (Population/ tissues/ animal/cells) : describe the samples or people of interest and indicate the number of samples or people being studied. Include the anticipated time frame of participant involvement (if any).
- Data Collection: describe information to be collected and any methods or equipment to be used. Explain how the information you collect will address the question(s) of the study.
- Statistical Analysis: explain how each study hypothesis (from section B - Specific Aims) will be addressed with respect to data analyses and statistical approach. Include any current hypotheses or information that might influence the approach to the analysis or the question itself. Explain why you've chosen to study the designated number of samples or people (sample size or power calculations).

Literature References

Total Budget Requested: \$ _____

Breakdown:

Personnel	\$ _____	Supplies	\$ _____
Clinical study costs	\$ _____	Travel	\$ _____
Equipment	\$ _____	Other	\$ _____

Budget Justification: