

## NIH R01/R21 Peer Review Form

**Author:**

**Reviewer:**

**Synopsis:**

**R01 or R21?**

**New or Resubmission?**

**Institute/IRG/Study Section:**

*Please answer the questions below, giving line number references wherever possible. These questions are based on the NIH review criteria.*

### **Significance**

- What is the important problem or critical barrier to progress in the field that the proposal plans to address? (Or, what is the “gap”?)  
RESPONSE:
  - *Are there places where the author could more clearly tie project activities to the problem or barrier? Where?*  
RESPONSE:
- If the aims of the project are achieved, how will scientific knowledge, technical capability, and/or clinical practice be improved?  
RESPONSE:
  - *If the answer to this question is not immediately clear, where and how could the author explain more fully?*  
RESPONSE:
- How will successful completion of the aims change the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field?  
RESPONSE:

### **Innovation**

- How does this application challenge and seek to shift current research or clinical practice paradigms?  
RESPONSE:
- What novel theoretical concepts, approaches or methodologies, instrumentation, or interventions does it utilize to do this?  
RESPONSE:
  - *Are there places where the author could be more explicit about the novelty or innovative nature of the approach? Where?*  
RESPONSE:
- Are the concepts, approaches or methodologies, instrumentation, or interventions novel to one field of research, or novel in a broad sense?  
RESPONSE:
  - *If you're not sure whether the proposal is novel in a specific field or more broadly, how and where could this be made more explicit in the proposal?*  
RESPONSE:
- What refinements, improvements, or new applications of theoretical concepts, approaches or methodologies, instrumentation, or interventions are proposed?

RESPONSE:

## Approach

- Are the overall strategy, methodology, and analyses well-reasoned and appropriate to accomplish the specific aims of the project? Point out by line number any specific places where you are unable to follow the logic of the proposal, and explain where you get lost.

RESPONSE:

- *Point out any experiments or other project activities that are not convincingly tied to one of the specific aims.*

RESPONSE:

- Are potential problems, alternative strategies, and benchmarks for success presented? What are they?

RESPONSE:

- *Point out any areas where you are not convinced by this presentation, and explain why.*

RESPONSE:

- If the project is in the early stages of development, does the author show how the strategy will establish feasibility? Does the author address how particularly risky aspects will be managed? Point out any specific aspects of the project that may be seen as unfeasible, or unaddressed risks that may need to be managed.

RESPONSE:

Please use the space below for any additional comments, ideas, or feedback.

RESPONSE:

