

SCORING GRID

CRITERIA	WEIGHT	SCORING	SCORE	WEIGHTED SCORE
Strategic Alignment	5	0 – No Alignment 1 – Alignment with 1 to 2 2 – Alignment with 3 to 4		
Investigators	3	0 – No experience 1 – Some experience 2 – Moderate experience 3 – Significant experience		
Innovation	4	0 – Not innovative 1 – Some innovation 2 – Moderate innovation 3 – High innovation		
Approach	5	0 – Not feasible 1 – Serious weaknesses 2 – Some weaknesses 3 – Minor or no weaknesses		
Environment	3	0 – Inadequate 1 – Satisfactory 2 – Very good 3 – Excellent		
Resource Needs	4	0 – Substantial and not feasible 1 – High 2 – Moderate 3 – Low 4 – None		
Funding Source	3	0 – None 1 – Departmental 2 – Extramural		
Impact	5	0 – Low impact 1 – Moderate impact 2 – High impact		

TOTAL:

DEFINITIONS

Strategic Alignment: Does the proposed project align with the following strategic goals related to COVID-19? Due to the urgency of the current pandemic, goals are weighted towards diagnostics and therapeutics including those that can be implemented soon.

- Development of new diagnostic tools and therapeutics for SARS-CoV-2
- Improving the understanding of the pathophysiology of COVID-19
- Improvement of healthcare provider safety for current COVID-19 response
- Implementation of diagnostic and therapeutic tools for current COVID-19 response

Investigators: Do the investigators have experience in conducting the proposed research project. Some experience = investigators have performed related studies as a co-investigator or has 1-2 publications related to the topic. Moderate experiences = investigator has served as lead investigator and has >2 publications related to the topic with some intramural or pilot funding. Significant experience = investigator career dedicated to this topic, has >2 papers on the topic, and received extramural funding.

Innovation: Does the application challenge and seek to shift current research or clinical practice paradigms by utilizing novel theoretical concepts, approaches or methodologies, instrumentation, or interventions? Are the concepts, approaches or methodologies, instrumentation, or interventions novel to one field of research or novel in a broad sense? Is a refinement, improvement, or new application of theoretical concepts, approaches or methodologies, instrumentation, or interventions proposed?

Approach: Is the research methodology scientifically and clinically (if applicable) sound? re the overall strategy, methodology, and analyses well-reasoned and appropriate to accomplish the specific aims of the project? Are potential problems, alternative strategies, and benchmarks for success presented? If the project is in the early stages of development, will the strategy establish feasibility, and will particularly risky aspects be managed? If the project involves human subjects and/or NIH-defined clinical research, are the plans to address 1) the protection of human subjects from research risks, and 2) the inclusion (or exclusion) of individuals on the basis of sex/gender, race, and ethnicity, as well as the inclusion (exclusion) of children, justified in terms of the scientific goals and research strategy proposed?

Environment: Will the scientific environment in which the work will be done contribute to the probability of success? Are the institutional support, equipment and other physical resources available to the investigators adequate for the project proposed? Will the project benefit from unique features of the scientific environment, subject populations, or collaborative arrangements?

Resource Needs: Does the study require substantial resources (i.e., IT, personnel, biostatistics, etc) that make it not feasible? Or are required resources suitable for conducting the study given the limited resources we have presently.

Funding Source: Identify if funding is extramural vs. intramural or none. Studies that have immediate funding are prioritized. Extramural funding from industry or Federal/State agencies (e.g., NIH, DoD, CDC etc) are also prioritized.

Impact: What is the anticipated scientific and clinical impact of the proposed study? Evaluate how the proposed study will likely aid efforts to better understand and resolve the COVID-19 pandemic.