| **Biomedical Research & Development (BLRD)** |
| **Letter of Intent (LOI) Template for Validation of Animal and Cell-based Model of Disease** |
| **Merit Review Pilot (I21) Award Applications** |

Principal Investigator (PI) Name:

Project Title:

The sections below must be completed and attached to VHA Research & Development Letter of Intent Cover Page (VA Form 10-1313-13) (http://www.research.va.gov/funding/process/forms.cfm).

Please complete each of the fillable boxes below. Your text may not exceed the space provided. Please submit references cited as separate PDF.

1. Summarize the key outcomes from the published findings resulting in proposed animal or cell-based model of disease to be validated. Include citations for the published studies *(max 1500 characters)*

2. Briefly describe the design of the study in the item 1 to demonstrate that the conclusions from the study are scientifically/statistically sound and the proposed disease model recapitulates human condition (*max 1500 characters*)

3. Briefly describe the scientific community's need for such model and its importance for Veteran health. Also, how this model system will address unmet clinical needs of Veterans and reduce the use of other model systems (*max 1500 characters*)

4. Without the results from the proposed Validation study, will the scientific community use the proposed model system to address Veteran healthcare needs? What issues will the proposed validation of model system address to increase its acceptance by the scientific field? (*max 1500 characters*)

5. Describe the research design, procedures, and analyses to be used to accomplish the specific aims of the project and the impact of the study on clinical care of Veterans. (*max 1500 characters*)

Effective: April 2022

6. Does the proposed model have the potential to be commercialized? Have you filed an invention disclosure with VA Technology Transfer Program to address such potential? (*max 500 characters*)