

**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 Summarize the key outcomes from the published or unpublished findings resulting in proposed animal or cell-based model of disease to be validated, and the citation if applicable (*max 1500 characters*)

2. Briefly describe the design of the study described above in the item 1 to demonstrate that the finding(s) is based on a rigorously conducted study and the disease model recapitulates human condition (*max 1500 characters*)

3. Briefly describe the importance of the disease model for Veteran health, and how the model system can address unmet clinical needs of Veterans and reduce the use of other model systems (*max 1500 characters*)

4. Without conducting the proposed Validation study, can the proposed model system (as described in the item 3) be applied to address Veteran healthcare needs? What issues will the proposed validation of model system overcome and how? (*max 1500 characters*)

5. Describe the research design conceptual or clinical framework, procedures, and analyses to be used to accomplish the specific aims of the project. (max 1500 characters)

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