### 1 VALIDATION OVERVIEW AND PURPOSE

| System Name                            | DMID Electronic Trial Master File (eTMF)  |      |
|--|---|------|
| EDRMS Project Name                     | DMID eTMF Repository  |      |
| Is validation Needed for this system?  | ∑ Yes   | ☐ No |
| If No, please provide an explanation   |   |      |
| What is the purpose of the validation? | Validation is required to have final trial master file documents stored prior to regulatory submission. |      |

## **2 RESOURCING**

| Name or Designee<br>(Company)/Title | N/A | Individuals   | Contact Information (Email Addresses)   |
|-------------------------------------|-----|---|---|
| System Owner(s)                     |     | John Beigel   | jbeigel@niaid.nih.gov   |
| BPIMB Management                    |     | Matt Eisenberg<br>Jim Saadvandi                         | matthew.eisenberg@nih.gov<br>jamshid.saadvandi@nih.gov                                    |
| Project Management                  |     | Anne Marie Lucas  | anne.lucas@nih.gov  |
| Project Development                 |     | John Simon<br>Shadi Bashir<br>David Chen<br>Anubhav Vij | john.simon@nih.gov<br>shady.bashir@nih.gov<br>weichei.chen@nih.gov<br>anubhav.vij@nih.gov |
| Operations                          |     | Jorge Montalvo  | jorge.montalvo@nih.gov  |
| Technical and Engineering Support   |     | Mahesh Pinnameni  | mahesh.pinnameni@nih.gov  |
| Quality Assurance                   |     | Carlos Perez-Santiago<br>Christina Nazario Berrios      | carlos.perez-santiago2@nih.gov<br>cristina.nazarioberrios@nih.gov                         |

## **3 TIMELINES AND RESPONSIBILITY**

| Phase    | Target<br>Completion Date | Responsibility   |
|----------|---------------------------|------------------|
| Planning | 4/15/2021                 | Anne Marie Lucas |
| Analysis | 5/31/2021                 | Anne Marie Lucas |

| Phase             | Target<br>Completion Date | Responsibility                                       |
|-------------------|---------------------------|--|
| Design            | 5/31/2021                 | Shadi Bashir, John Simon, David Chen,<br>Anubhav Vij |
| Construction      | 6/18/2021                 | Shadi Bashir, John Simon, David Chen,<br>Anubhav Vij |
| Quality Assurance | 6/28/2021                 | Carlos Perez-Santiago, Cristina Nazario<br>Berrios   |
| Deploy            | 7/7/2021                  | Jorge Montalvo                                       |
| Operations        | Indefinite                | Jorge Montalvo                                       |
| Decommission      | N/A                       | N/A  |

## **4 VALIDATION PACKAGE CHECKLIST**

| Phase    | Deliverable                      | Deliverable Needed for This Validation Effort? |      |
|----------|----------------------------------|--|------|
| Planning | Business Needs Statement         |  | ☐ No |
|          | Project Charter                  |  | ☐ No |
|          | Initial Risk Assessment          |  | ☐ No |
|          | Project Management Plan          |  | ☐ No |
|          | Change Control Plan              |  | ☐ No |
|          | Configuration Management Plan    |  | ☐ No |
|          | Deployment Plan                  | ⊠ Yes  | ☐ No |
|          | Quality Management Plan          |  | ☐ No |
|          | Security Plan                    | ☐ Yes  | ⊠ No |
|          | Test Plan                        | ☐ Yes  | ⊠ No |
|          | UAT Test Plan                    |  | ☐ No |
|          | Training Plan                    |  | ☐ No |
|          | Risk Management Plan             |  | ☐ No |
|          | Validation Plan                  |  | ☐ No |
| Analysis | User Requirements Specifications |  | ☐ No |

| Phase                | Deliverable                                  | Deliverable Needed for This Validation Effort? |      |
|----------------------|--|--|------|
|                      | Functional Specifications                    |  | ☐ No |
|                      | Requirements Traceability Matrix             |  | ☐ No |
| Design               | Software Design Specification                |  | ☐ No |
|                      | Hardware Design Specification                | ☐ Yes  | ⊠ No |
|                      | Community, Information, Security (CIS) Model | ⊠ Yes  | ☐ No |
|                      | Test Plan                                    | ☐ Yes  | ⊠ No |
|                      | Installation Qualification (IQ) Plan         | ⊠ Yes  | ☐ No |
|                      | Operation Qualification (OQ) Plan            | ⊠ Yes  | ☐ No |
|                      | Performance Qualification (PQ) Plan          |  | ☐ No |
| Construction         | Code Review Report                           |  | ☐ No |
|                      | Test Scripts or Test Cases                   |  | ☐ No |
| Quality<br>Assurance | Test Summary Report                          | ☐ Yes  | ⊠ No |
|                      | Installation Qualification (IQ) Report       |  | ☐ No |
|                      | Operational Qualification (OQ) Report        |  | ☐ No |
|                      | Performance Qualification (PQ)<br>Report     | ⊠ Yes  | ☐ No |
|                      | Final Validation Summary Report              |  | ☐ No |
| Deploy               | Training Plan                                | Yes  | ⊠ No |
|                      | Training Log                                 | Yes  | ⊠ No |
|                      | System Release Memo                          | ∑ Yes  | ☐ No |
| Operations           | Operations & Maintenance Plan                | ∑ Yes  | ☐ No |
| Decommission         | Decommission Plan                            | Yes  | ⊠ No |

### **APPROVAL**

The undersigned acknowledge that they have reviewed the DMID - eTMF V1.0 - Initiation of Validation Effort Form and agree with the information presented within this document. Changes to this document will be coordinated with, and approved by, the undersigned, or their designated representatives.

#### Signature:

Name: Anne Marie Lucas Title: Project Manager Role: Project Manager

#### Signature:

Name: Sophia Mutamba Title: Quality Manager Role: Quality Manager