Please note that the application text is copyrighted. It may be used only for nonprofit educational purposes provided the document remains unchanged and the PI, the grantee organization, and NIAID are credited.

See more samples online: <a href="http://www.niaid.nih.gov/researchfunding/grant/pages/appsamples.aspx">http://www.niaid.nih.gov/researchfunding/grant/pages/appsamples.aspx</a>

| PI: Fong, Timothy C                                     | Title: Novel indication for myeloid progenitor use: Induction of tolerance   |   |  |  |
|---|--|---|--|--|
| Received: 12/04/2012                                    | FOA: PA12-089 Council: 05/2013   |   |  |  |
| Competition ID: ADOBE-FORMS-B2                          | FOA Title: PHS 2012-02 OMNIBUS SOLICITATION OF THE NIH FOR SMALL BUSINESS TECHNOLOGY TRANSFER GRANT APPLICATIONS (PARENT STTR [R41/R42]) |   |  |  |
| 1 R41 Al108016-01                                       | Dual: CA,HL,NR Accession Number: 3546121   |   |  |  |
| IPF: 10000154   | Organization: CELLERANT THERAPEUTICS, INC.   |   |  |  |
| Former Number:  | Department:  |   |  |  |
| IRG/SRG: ZRG1 IMM-G (10)B                               | AIDS: N  | Expedited: N                                    |  |  |
| Subtotal Direct Costs (excludes consortium F&A) Year 1: | Animals: Y Humans: N Clinical Trial: N Current HS Code: 10 HESC: N   | New Investigator: N Early Stage Investigator: N |  |  |
|   |  |   |  |  |
| Senior/Key Personnel:                                   | Organization:  | Role Category:                                  |  |  |
| Holger Karsunky   | Cellerant Therapeutics   | PD/PI   |  |  |
| Adrianus Domen  | The Children's Mercy Hospital, Kansas<br>City, MO  | MPI   |  |  |

## This sample is a multi-page PDF document.

Continue scrolling to see the remainder of the application, navigate using the bookmarks in your PDF reader of choice, or skip to page 4 for the Table of Contents.

If you have any questions, contact <a href="mailto:deaweb@niaid.nih.gov">deaweb@niaid.nih.gov</a>.

OMB Number: 4040-0001 Expiration Date: 06/30/2011

| APPLICATION FOR FEDERAL ASSISTANCE                                 | 3. DATE RECEIVED BY STATE State Application Identifier              |  |  |  |  |
|--|---|--|--|--|--|
| SF 424 (R&R)   |   |  |  |  |  |
| 1. * TYPE OF SUBMISSION  | 4. a. Federal Identifier  |  |  |  |  |
| Pre-application Application Changed/Corrected Applicatio           | b. Agency Routing Identifier  |  |  |  |  |
| 2. DATE SUBMITTED Applicant Identifier                             |   |  |  |  |  |
| 5. APPLICANT INFORMATION   | * Organizational DUNS:  |  |  |  |  |
| * Legal Name: Cellerant Therapeutics, inc.                         | Organizational Bono.  |  |  |  |  |
| Department: Division:  |   |  |  |  |  |
| * Street1: 1561 Industrial Road                                    |   |  |  |  |  |
| Street2:   |   |  |  |  |  |
| * City: San Carlos County / Pa                                     | arish:  |  |  |  |  |
| * State: CA: California Province:                                  |   |  |  |  |  |
| * Country: USA: UNITED STATES                                      | * ZIP / Postal Code: 94070-4111                                     |  |  |  |  |
| Person to be contacted on matters involving this application       |   |  |  |  |  |
| Prefix: Dr. * First Name: Holger                                   | Middle Name:  |  |  |  |  |
| * Last Name: Karsunky  | Suffix:   |  |  |  |  |
| * Phone Number:  |   |  |  |  |  |
| Email:   |   |  |  |  |  |
| 6. * EMPLOYER IDENTIFICATION (EIN) or (TIN):                       |   |  |  |  |  |
| 7. * TYPE OF APPLICANT:  | R: Small Business   |  |  |  |  |
| Other (Specify):   |   |  |  |  |  |
| Small Business Organization Type Women Owned Sc                    | cially and Economically Disadvantaged                               |  |  |  |  |
|  | k appropriate box(es).  |  |  |  |  |
|  | e Award B. Decrease Award C. Increase Duration D. Decrease Duration |  |  |  |  |
| Renewal Continuation Revision E. Other (s                          |   |  |  |  |  |
| * Is this application being submitted to other agencies? Yes No    | What other Agencies?  |  |  |  |  |
|  | ALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:                         |  |  |  |  |
| National Institutes of Health TITLE:                               |   |  |  |  |  |
| 11. * DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:                    |   |  |  |  |  |
| Novel indication for myeloid progenitor use: Inductio              | n of tolerance  |  |  |  |  |
| 12. PROPOSED PROJECT: * 13. CONGRESSIONAL DISTR                    | ICT OF APPLICANT  |  |  |  |  |
| * Start Date   |   |  |  |  |  |
| 06/01/2013 05/31/2014 CA-012                                       |   |  |  |  |  |
| Prefix: Dr. * First Name: Holger                                   | Middle Name:  |  |  |  |  |
| * Last Name: Karsunky  | Suffix:   |  |  |  |  |
| Position/Title: Director, Preclinical Development                  |   |  |  |  |  |
| Director, Treatment Development                                    |   |  |  |  |  |
| * Organization Name: Cellerant Therapeutics  Department: Division: |   |  |  |  |  |
| * Street1: 1561 Industrial Road                                    |   |  |  |  |  |
| Street2:   |   |  |  |  |  |
| * City: San Carlos County / Parish:                                |   |  |  |  |  |
| * State: CA: California Province:                                  |   |  |  |  |  |
| * Country: USA: UNITED STATES * ZIP / Postal Code: 94070-4111      |   |  |  |  |  |
| * Phone Number: Fax Number:  |   |  |  |  |  |
| * Email:   |   |  |  |  |  |

| 15. ESTIMATED PRO   | JECT FUNDING                                    | 3  |                          | APPLICAT<br>12372 PR       |                               |                 | T TO REVIEW BY STA   | ATE EXECUTIVE                            |
|---|---|--|--------------------------|----------------------------|-------------------------------|-----------------|--|--|
| a. Total Federal Funds b. Total Non-Federal F c. Total Federal & Non d. Estimated Program | Funds<br>n-Federal Funds                        | 0.00   | a. YES D                 | AVAI<br>PROI               | LABLE T<br>CESS FO<br>GRAM IS | O TH<br>OR RE   | TION/APPLICATION OF E STATE EXECUTIVE EVIEW ON:  COVERED BY E.O. 1  OT BEEN SELECTED | ORDER 12372<br>2372; OR                  |
| true, complete and a terms if I accept an a administrative penal                          | ccurate to the kaward. I am awaities. (U.S. Cod | rtify (1) to the statements controlled to the statements controlled to the statements controlled to the statements controlled to the statement of the statement | provide tl<br>r fraudule | ne required<br>ent stateme | assurar<br>nts or cl          | nces *<br>laims | and agree to comply<br>may subject me to c   | with any resulting<br>riminal, civil, or |
| 18. SFLLL or other E  | xplanatory Doc                                  | umentation   |                          | A -1-1 A ( ( -             |                               |                 | Dalata Attack start  | \C \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\   |
|   |   |  |                          | Add Atta                   | chment                        |                 | Delete Attachment  | View Attachment                          |
| 19. Authorized Repre  | esentative                                      |  |                          |                            |                               |                 |  |  |
| Prefix: Dr.   | * First N                                       | lame: Ram  |                          |                            | I                             | Middle          | e Name:  |  |
| * Last Name: Mandal   | .am   |  |                          |                            | ;                             | Suffix          | :  |  |
| * Position/Title: Pres  | ident & CEO                                     |  |                          |                            |                               |                 |  |  |
| l.a : ==  | erant Therape                                   | eutics   |                          |                            |                               |                 |  |  |
| Department:   |   | Division:  |                          |                            |                               |                 |  |  |
| * Street1: 1561   | Industrial H                                    | Road   |                          |                            |                               |                 |  |  |
| Street2:  |   |  |                          |                            | _                             |                 |  |  |
| * City: San Carlos  |   | County / Pa  | rish:                    |                            |                               |                 |  |  |
| * State:  |   | CA: California   |                          | F                          | Province:                     |                 |  |  |
| * Country:  | т   | JSA: UNITED STATES   |                          | *                          | 71D / Doc                     | Lal Co          | ode: 94070-4111  |  |
| * Phone Number:   |   | Fax Number:  |                          |                            | 211 / 1 03                    |                 | Jue. 94070-4111  |  |
|   |   | T dx (voilibe).  |                          |                            | 7                             |                 |  |  |
| * Email:  |   |  |                          |                            |                               |                 |  |  |
| * Si  | gnature of Auth                                 | orized Representative  |                          |                            |                               |                 | * Date Signe   | d  |
|   | Holg  | er Karsunky  |                          |                            |                               |                 | 12/04/201  | 2  |
| 20. Pre-application   |   |  |                          | Add At                     | tachment                      | ıt              | Delete Attachment  | View Attachment                          |

## 

Page Numbers

OMB Number: 4040-0010 Expiration Date: 08/31/2011

## **Project/Performance Site Location(s)**

| Project/Performance Site Primary Location                               | 1 1             | application as an individual, and not on behalf of a company, state,<br>nment, academia, or other type of organization. |
|---|-----------------|---|
| Organization Name: Cellerant Thera                                      | peutics, Inc.   |   |
| DUNS Number:  |                 |   |
| *Street1: 1561 Industrial Road  |                 |   |
| Street2:  |                 |   |
| * City: San Carlos  |                 | County: San Mateo   |
| * State: CA: California   |                 |   |
| Province:   |                 |   |
| * Country: USA: UNITED STATES   |                 |   |
| * ZIP / Postal Code: 94070-4111   |                 | * Project/ Performance Site Congressional District: CA-012  |
|   |                 |   |
| Project/Performance Site Location a                                     |                 | application as an individual, and not on behalf of a company, state, nment, academia, or other type of organization.    |
| Organization Name: The Children's                                       | Mercy Hospital, | Kansas City, MO   |
| DUNS Number:  |                 |   |
| * Street1: 2401 Gillham Road  |                 |   |
| Street2:  |                 |   |
|   |                 |   |
| * City: Kansas City   |                 | County: Jackson   |
|   | MO: Missouri    | County: Jackson   |
| * City: Kansas City   | MO: Missouri    | County: Jackson   |
| * City: Kansas City  * State:   | MO: Missouri    | County: Jackson   |
| * City: Kansas City  * State:  Province:                                | MO: Missouri    | County: Jackson  * Project/ Performance Site Congressional District: MO-005   |
| * City: Kansas City  * State:  Province:  * Country: USA: UNITED STATES | MO: Missouri    |   |
| * City: Kansas City  * State:  Province:  * Country: USA: UNITED STATES | MO: Missouri    |   |

Performance Sites Page 4