

## Material Transfer Request (Order 805756) – Implementing Letter

Version 3.0.PL

Addgene is a non-profit repository for biological materials. A request has been made by Katharina Achazi at your Institution, Freie Universitaet Berlin for biological materials from J. David Gladstone Institutes that are stored at Addgene. As an authorized person for your Institution, you should review the details of the transfer of materials to your Institution.

The purpose of this letter is to provide a record of the biological material transfer, to memorialize the agreement between the PROVIDER (identified below) and RECIPIENT (identified below) and the agreement between the PROVIDER SCIENTIST (identified below) and the RECIPIENT SCIENTIST (identified below) to abide by all terms and conditions of the Material Transfer Agreements (listed below), for the purpose of this transfer.

The ORIGINAL MATERIAL being transferred has been deposited by the PROVIDER and is made available through Addgene to the RECIPIENT as a service to the scientific community.

### 1. **PROVIDER:** Organization providing the ORIGINAL MATERIAL

Organization: J. David Gladstone Institutes

Address:

J. David Gladstone Institutes  
Intellectual Property Department  
The J. David Gladstone Institutes  
1650 Owens Street  
San Francisco, CA 94158

### 2. **RECIPIENT:** Organization receiving the ORIGINAL MATERIAL

Organization: Freie Universitaet Berlin

Address:

Freie Universität Berlin  
Kaiserwerther Strasse 16-18  
Berlin Berlin 14195  
GERMANY

### 3. **ORIGINAL MATERIAL:**

177938 CoV2-M-IRES-E  
177939 CoV2-Spike-EF1a-D614G-N501Y  
177940 Luc-noPS  
177942 Luc-PS9  
177943 GFP-noPS  
177944 GFP-PS9  
177950 CoV2-N-S202R  
177960 CoV2-Spike-D614G

ORIGINAL MATERIAL was requested on 31 Oct 2023

4. **Transmittal Fee:** The ORIGINAL MATERIAL is distributed by Addgene with a reasonable transmittal fee to reimburse Addgene for preparation, handling and distribution costs.

### 5. **PROVIDER SCIENTIST:**

Name: Jennifer Doudna

Address:

J. David Gladstone Institutes  
Intellectual Property Department  
The J. David Gladstone Institutes  
1650 Owens Street  
San Francisco, CA 94158

### 6. **RECIPIENT SCIENTIST:**

Name: Katharina Achazi (PI: Professor Dr. Rainer Haag)

Address:

AG Haag: K. Achazi/E. Quaas  
Freie Universitaet Berlin  
Altensteinstr. 23a  
Gebaeude: SupraFab  
Raum: Foyer  
Berlin 14195  
DE

7. The PROVIDER and PROVIDER SCIENTIST have agreed to distribute the ORIGINAL MATERIAL through Addgene under the Material Transfer Agreements (identified below).

8. Material Transfer Agreements: the following agreements are between RECIPIENT and PROVIDER.

UBMTA: See enclosed exhibit

Using a separate form not part of this implementing letter, RECIPIENT SCIENTIST has acknowledged to having read and understood the Material Transfer Agreements identified above.

By executing this implementing letter, RECIPIENT agrees to the terms of the Material Transfer Agreements identified above.

## 9. Additional Terms

**No Warranties:** OTHER THAN AS CONTAINED HEREIN, ADDGENE MAKES NO REPRESENTATIONS AND EXTENDS NO WARRANTIES OF ANY KIND. THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR THAT THE USE OF THE ORIGINAL MATERIAL WILL NOT INFRINGE ANY PATENT, COPYRIGHT, TRADEMARK, OR OTHER PROPRIETARY RIGHTS.

**Limitation of Liability:** to the extent permitted by law, RECIPIENT assumes all liability for damages that may arise from RECIPIENT's use, storage or disposal of the ORIGINAL MATERIAL. Addgene and its agents and its successors and their respective directors, officers, members, employees, and agents will not be liable to RECIPIENT for any loss, claim or demand made by the RECIPIENT, or made against RECIPIENT by any other party, due to or arising from the use of the ORIGINAL MATERIAL by RECIPIENT, except to the extent permitted by law when caused by the gross negligence or willful misconduct of Addgene. IN NO EVENT SHALL ADDGENE'S CUMULATIVE LIABILITY EXCEED THE FEES PAID BY RECIPIENT TO ADDGENE FOR ORIGINAL MATERIAL FOR THE TWELVE (12) MONTH PERIOD PRECEDING THE DATE OF THE EVENT GIVING RISE TO THE CLAIM.

**Indemnification:** to the extent permitted by law, RECIPIENT shall indemnify and hold harmless Addgene, its agents and its successors and their respective directors, officers, members, employees, and agents, from and against any and all losses, claims, damages, expenses and liabilities arising at any time as a result of RECIPIENT's use and disposal of the ORIGINAL MATERIAL, RECIPIENT's breach of these Additional Terms, and RECIPIENT's breach of the applicable Material Transfer Agreements, except when caused by the gross negligence or willful misconduct of Addgene.

**Conflicts:** in the event of a conflict between these Additional Terms and the applicable Material Transfer Agreements that govern RECIPIENT's use of the ORIGINAL MATERIAL the applicable Material Transfer Agreements shall prevail.

By executing this implementing letter, RECIPIENT agrees to the Additional Terms as provided above.

## 10. RECIPIENT ORGANIZATION CERTIFICATION:

You, the person signing this form, certify that 1) you are the Authorized Representative whose name appears below, or you have been given authority by the Authorized Representative whose name appears below to complete this form, 2) the Authorized Representative has the authority to sign Material Transfer Agreements on behalf of RECIPIENT, 3) RECIPIENT is a non-profit research organization (qualified under a government or state non-profit statute), or a university or other institution of higher education, or a government agency conducting research, and 4) RECIPIENT agrees to the transfer of the ORIGINAL MATERIAL as described in this letter.

### Electronic Signature

Authorized Representative Name: Rainer Haag  
Authorized Representative E-mail: haag@zedat.fu-berlin.de  
Authorized Representative Job Position: Professor Dr.  
Date: 2023-10-31 12:42:20

## UBMTA

Uniform Biological Material Transfer Agreement

### I. Definitions:

1. PROVIDER: Organization providing the ORIGINAL MATERIAL. The name and address of this party will be specified in an implementing letter.
2. PROVIDER SCIENTIST: The name and address of this party will be specified in an implementing letter.
3. RECIPIENT: Organization receiving the ORIGINAL MATERIAL. The name and address of this party will be specified in an implementing letter.
4. RECIPIENT SCIENTIST: The name and address of this party will be specified in an implementing letter.
5. ORIGINAL MATERIAL: The description of the material being transferred will be specified in an implementing letter.
6. MATERIAL: ORIGINAL MATERIAL, PROGENY, and UNMODIFIED DERIVATIVES. The MATERIAL shall not include: (a) MODIFICATIONS, or (b) other substances created by the RECIPIENT through the use of the MATERIAL which are not MODIFICATIONS, PROGENY, or UNMODIFIED DERIVATIVES.
7. PROGENY: Unmodified descendant from the MATERIAL, such as virus from virus, cell from cell, or organism from organism.
8. UNMODIFIED DERIVATIVES: Substances created by the RECIPIENT which constitute an unmodified functional subunit or product expressed by the ORIGINAL MATERIAL. Some examples include: subclones of unmodified cell lines, purified or fractionated subsets of the ORIGINAL MATERIAL, proteins expressed by DNA/RNA supplied by the PROVIDER, or monoclonal antibodies secreted by a hybridoma cell line.
9. MODIFICATIONS: Substances created by the RECIPIENT which contain/incorporate the MATERIAL.
10. COMMERCIAL PURPOSES: The sale, lease, license, or other transfer of the MATERIAL or MODIFICATIONS to a for-profit organization. COMMERCIAL PURPOSES shall also include uses of the MATERIAL or MODIFICATIONS by any organization, including RECIPIENT, to perform contract research, to screen compound libraries, to produce or manufacture products for general sale, or to conduct research activities that result in any sale, lease, license, or transfer of the MATERIAL or MODIFICATIONS to a for-profit organization. However, industrially sponsored academic research shall not be considered a use of the MATERIAL or MODIFICATIONS for COMMERCIAL PURPOSES per se, unless any of the above conditions of this definition are met.
11. NONPROFIT ORGANIZATION(S): A university or other institution of higher education or an organization of the type described in section 501(c)(3) of the Internal Revenue Code of 1954 (26 U.S.C. 501(c)) and exempt from taxation under section 501(a) of the Internal Revenue Code (26 U.S.C. 501(a)) or any nonprofit scientific or educational organization qualified under a state nonprofit organization statute. As used herein, the term also includes government agencies.

## II. Terms and Conditions of this Agreement:

1. The PROVIDER retains ownership of the MATERIAL, including any MATERIAL contained or incorporated in MODIFICATIONS.
2. The RECIPIENT retains ownership of: (a) MODIFICATIONS (except that, the PROVIDER retains ownership rights to the MATERIAL included therein), and (b) those substances created through the use of the MATERIAL or MODIFICATIONS, but which are not PROGENY, UNMODIFIED DERIVATIVES or MODIFICATIONS (i.e., do not contain the ORIGINAL MATERIAL, PROGENY, UNMODIFIED DERIVATIVES). If either 2 (a) or 2 (b) results from the collaborative efforts of the PROVIDER and the RECIPIENT, joint ownership may be negotiated.
3. The RECIPIENT and the RECIPIENT SCIENTIST agree that the MATERIAL:
  - a) is to be used solely for teaching and academic research purposes;
  - b) will not be used in human subjects, in clinical trials, or for diagnostic purposes involving human subjects without the written consent of the PROVIDER;
  - c) is to be used only at the RECIPIENT organization and only in the RECIPIENT SCIENTIST's laboratory under the direction of the RECIPIENT SCIENTIST or others working under his/her direct supervision; and
  - d) will not be transferred to anyone else within the RECIPIENT organization without the prior written consent of the PROVIDER.
4. The RECIPIENT and the RECIPIENT SCIENTIST agree to refer to the PROVIDER any request for the MATERIAL from anyone other than those persons working under the RECIPIENT SCIENTIST's direct supervision. To the extent supplies are available, the PROVIDER or the PROVIDER SCIENTIST agrees to make the MATERIAL available, under a separate implementing letter to this Agreement or other agreement having terms consistent with the terms of this Agreement, to other scientists (at least those at NONPROFIT ORGANIZATION(S)) who wish to replicate the RECIPIENT SCIENTIST's research; provided that such other scientists reimburse the PROVIDER for any costs relating to the preparation and distribution of the MATERIAL.
5. a) The RECIPIENT and/or the RECIPIENT SCIENTIST shall have the right, without restriction, to distribute substances created by the RECIPIENT through the use of the ORIGINAL MATERIAL only if those substances are not PROGENY, UNMODIFIED DERIVATIVES, or MODIFICATIONS.  
b) Under a separate implementing letter to this Agreement (or an agreement at least as protective of the PROVIDER's rights), the RECIPIENT may distribute MODIFICATIONS to NONPROFIT ORGANIZATION(S) for research and teaching purposes only.  
c) Without written consent from the PROVIDER, the RECIPIENT and/or the RECIPIENT SCIENTIST may NOT provide MODIFICATIONS for COMMERCIAL PURPOSES. It is recognized by the RECIPIENT that such COMMERCIAL PURPOSES may require a commercial license from the PROVIDER and the PROVIDER has no obligation to grant a commercial license to its ownership interest in the MATERIAL incorporated in the MODIFICATIONS. Nothing in this paragraph, however, shall prevent the RECIPIENT from granting commercial licenses under the RECIPIENT's intellectual property rights claiming such MODIFICATIONS, or methods of their manufacture or their use.
6. The RECIPIENT acknowledges that the MATERIAL is or may be the subject of a patent application. Except as provided in this Agreement, no express or implied licenses or other rights are provided to the RECIPIENT under any patents, patent applications, trade secrets or other proprietary rights of the PROVIDER, including any altered forms of the MATERIAL made by the PROVIDER. In particular, no express or implied licenses or other rights are provided to use the MATERIAL, MODIFICATIONS, or any related patents of the PROVIDER for COMMERCIAL PURPOSES.
7. If the RECIPIENT desires to use or license the MATERIAL or MODIFICATIONS for COMMERCIAL PURPOSES, the RECIPIENT agrees, in advance of such use, to negotiate in good faith with the PROVIDER to establish the terms of a commercial license. It is understood by the RECIPIENT that the PROVIDER shall have no obligation to grant such a license to the RECIPIENT, and may grant exclusive or non-exclusive commercial licenses to others, or sell or assign all or part of the rights in the MATERIAL to any third party(ies), subject to any pre-existing rights held by others and obligations to the Federal Government.
8. The RECIPIENT is free to file patent application(s) claiming inventions made by the RECIPIENT through the use of the MATERIAL but agrees to notify the PROVIDER upon filing a patent application claiming MODIFICATIONS or method(s) of manufacture or use(s) of the MATERIAL.
9. Any MATERIAL delivered pursuant to this Agreement is understood to be experimental in nature and may have hazardous properties. The PROVIDER MAKES NO REPRESENTATIONS AND EXTENDS NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED. THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR THAT THE USE OF THE MATERIAL WILL NOT INFRINGE ANY PATENT, COPYRIGHT, TRADEMARK, OR OTHER PROPRIETARY RIGHTS.
10. Except to the extent prohibited by law, the RECIPIENT assumes all liability for damages which may arise from its use, storage or disposal of the MATERIAL. The PROVIDER will not be liable to the RECIPIENT for any loss, claim or demand made by the RECIPIENT, or made against the RECIPIENT by any other party, due to or arising from the use of the MATERIAL by the RECIPIENT, except to the extent permitted by law when caused by the gross negligence or willful misconduct of the PROVIDER.
11. This agreement shall not be interpreted to prevent or delay publication of research findings resulting from the use of the MATERIAL or the MODIFICATIONS. The RECIPIENT SCIENTIST agrees to provide appropriate acknowledgment of the source of the MATERIAL in all publications.
12. The RECIPIENT agrees to use the MATERIAL in compliance with all applicable statutes and regulations, including Public Health Service and National Institutes of Health regulations and guidelines such as, for example, those relating to research involving the use of animals or recombinant DNA.
13. This Agreement will terminate on the earliest of the following dates: (a) when the MATERIAL becomes generally available from third parties, for example, through reagent catalogs or public depositories or (b) on completion of the RECIPIENT's current research with the MATERIAL, or (c) on thirty (30) days written notice by either party to the other, or (d) on the date specified in an implementing letter, provided that:
  - i) if termination should occur under 13(a), the RECIPIENT shall be bound to the PROVIDER by the least restrictive terms applicable to the MATERIAL obtained from the then-available resources; and
  - ii) if termination should occur under 13(b) or (d) above, the RECIPIENT will discontinue its use of the MATERIAL and will, upon direction of the PROVIDER, return or destroy any remaining MATERIAL. The RECIPIENT, at its discretion, will also either destroy the MODIFICATIONS or remain bound by the terms of this agreement as they apply to MODIFICATIONS; and
  - iii) in the event the PROVIDER terminates this Agreement under 13( c) other than for breach of this Agreement or for cause such as an imminent health risk or patent infringement, the PROVIDER will defer the effective date of termination for a period of up to one year, upon request from the RECIPIENT, to permit completion of research in progress. Upon the effective date of termination, or if requested, the deferred effective date of

termination, RECIPIENT will discontinue its use of the MATERIAL and will, upon direction of the PROVIDER, return or destroy any remaining MATERIAL. The RECIPIENT, at its discretion, will also either destroy the MODIFICATIONS or remain bound by the terms of this agreement as they apply to MODIFICATIONS.

14. Paragraphs 6, 9 and 10 shall survive termination.

15. The MATERIAL is provided at no cost, or with an optional transmittal fee solely to reimburse the PROVIDER for its preparation and distribution costs. If a fee is requested by the PROVIDER, the amount will be indicated in an implementing letter.