

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 70 and 71, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Prelude Therapeutics Incorporated</p> <p>2. 200 Powder Mill Road Experimental Station E400/3213 Wilmington, DE 19803</p>	<p>In accordance with letter dated June 01, 2023,</p>	<p>4. Expiration Date: February 28, 2027</p>
	<p>3. License No.: 07-35398-01 is amended in its entirety to read as follows:</p>	<p>5. Docket No.: 030-39018 Reference No.:</p>
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Hydrogen-3</p>	<p>7. Chemical and/or physical form</p> <p>A. Non-volatile</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 50 millicuries total</p> <p>9. Authorized use</p> <p>A. For research and development as defined in 10 CFR 30.4.</p>



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CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at the Experimental Station E400-3244, 200 Powder Mill Road, Wilmington, Delaware, 19803 and the Chestnut Run Innovation and Science Park, 175 Innovation Boulevard, Wilmington, Delaware, 19805.
11. A. Licensed material shall only be used by, or under the supervision of, Min Wang, Ph.D.
- B. The Radiation Safety Officer (RSO) for this license is Min Wang, Ph.D.
12. The licensee shall not use the licensed material in or on humans except as provided otherwise by specific condition of this license.
13. The licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license.
14. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated December 23, 2016 (ML16365A106)
- B. Letter dated January 11, 2017 (ML17030A184)
- C. Letter dated August 31, 2017 (ML17263B140)
- D. Letter dated October 27, 2017 (ML17306A634)
- E. Letter dated June 1, 2023 (ML23193A439)
- F. Letter dated August 3, 2023 (ML23221A158)

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FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: August 14, 2023

By: _____

Steven Courtemanche
Region 1