

U.S. NUCLEAR REGULATORY COMMISSION

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, 39, 40, and 70, 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.

Licensee		
1. Biotranex LLC		3. License number 29-31372-01
2. 1 Deer Park Drive, Suite L-1 Monmouth Junction, New Jersey 08852		4. Expiration date July 31, 2019
		5. Docket No. 03038046 Reference No.
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Hydrogen 3	A. Any	A. 50 millicuries
B. Carbon 14	B. Any	B. 50 millicuries
9. Authorized use:		
A. and B. Research and development as defined in 10 CFR 30.4; animal studies.		

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CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 1 Deer Park Drive, Suite L-1, Monmouth Junction, New Jersey.
11. Licensed material shall be used by, or under the supervision of, Lining Cai, Ph.D.
12. The Radiation Safety Officer for this license is Scott Dennerlein.
13. The licensee shall not use licensed material in or on human beings.
14. The licensee shall not use licensed material in field applications where it is released except as provided otherwise by specific condition of this license.
15. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
29-31372-01Docket or Reference Number
03038046

16. 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. 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 May 4, 2009 (ML091480731)



For the U.S. Nuclear Regulatory Commission

Date July 10, 2009

By

Original signed by Thomas K. ThompsonThomas K. Thompson
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406