

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 02

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.

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<p>Licensee</p> <p>1. Celsis, Inc.</p> <p>2. 6200 South Lindbergh Blvd St. Louis, MO 63123</p>	<p>In accordance with letter dated November 11, 2010,</p> <p>3. License number 24-32754-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date November 30, 2019</p> <p>5. Docket No. 030-38166 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Carbon-14</p> <p>B. Hydrogen-3</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 10 millicuries</p> <p>B. 10 millicuries</p>
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9. Authorized Use:
A. and B. For use in labeled compounds for *in vitro* biomedical research and development.

CONDITIONS

- 10. Licensed material shall be used only at the licensee's facilities located at 6200 South Lindbergh Blvd, St. Louis, Missouri.
- 11. A. Licensed materials shall be used by, or under the supervision of David Knysak.
B. The Radiation Safety Officer for this license is David Knysak.
- 12. Licensed material shall not be used in or on humans or animals.
- 13. The licensee shall not use licensed material in field applications.
- 14. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
- 15. In addition to the possession limits in item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35 (d) for establishing decommissioning financial assurance.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
24-32754-01Docket or Reference Number
030-38166

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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 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 June 25, 2009; and
 - B. Facsimiles dated September 22, 2009 and October 12, 2009; and
 - C. Letters dated March 23, 2010, June 15, 2010 **and November 11, 2010 with attached letter dated November 10, 2010.**

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JAN 14 2011By James R. Mullauer
James R. Mullauer, M.H.S.
Materials Licensing Branch
Region III