

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.

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| <p style="text-align: center;">Licensee</p> <p>1. St. Catherine Hospital, Inc.</p> | <p>In accordance with letter dated January 23, 2017</p> | <p>4. Expiration Date: November 30, 2025</p> |
| <p>2. 4321 Fir St. East Chicago, IN 46312</p> | <p>3. License number: 13-01148-01 is amended in its entirety to read as follows:</p> | <p>5. Docket No.: 030-01590 Reference No.:</p> |

| 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 | 9. Authorized use |
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| A. Any byproduct material permitted by 10 CFR 35.100 | A. Any | A. As Needed | A. For use in uptake, dilution and excretion studies permitted by 10 CFR 35.100. |
| B. Any byproduct material permitted by 10 CFR 35.200 | B. Any | B. As Needed | B. For use in imaging and localization studies permitted by 10 CFR 35.200. |
| C. Any byproduct material permitted by 10 CFR 35.300 | C. Any | C. 1 curie total | C. For any use permitted by 10 CFR 35.300. |
| D. Any byproduct material permitted by 10 CFR 31.11 | D. Prepackaged Kits | D. 5 millicuries total | D. For use in in-vitro studies. |

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
13-01148-01

Docket or Reference Number
030-01590

Amendment No. 72

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 4321 Fir St., East Chicago, Indiana.
11. The Radiation Safety Officer (RSO) for this license is Santosh K. Kar, M.S.
12. Licensed material shall only be used by, or under the supervision of:

A. Individuals permitted to work as authorized users in accordance with 10 CFR 35.13 and 10 CFR 35.14.

B. The following individuals are authorized users for the material and medical uses as indicated:

| <u>Authorized User(M.D.,D.O.,etc.)</u> | <u>Material and Use</u> |
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| Miquel Gambetta, M.D. | 10 CFR 35.100 and 35.200 |
| Andrej Zajac, M.D. | 10 CFR 35.300 |
| Jong-Yuan Kuo, M.D. | 10 CFR 35.100, 35.200, 35.300, and 31.11 |
| Shawn R. Kenney, M.D. | 10 CFR 35.100, 35.200, and 31.11 |
| Jonathon T. Lee, M.D. | 10 CFR 35.100, 35.200, and 31.11 |
| Thomas M. Hoess, M.D. | 10 CFR 35.100, 35.200, and 31.11 |
| Mikhail Jeha, M.D. | 10 CFR 35.100, 35.200, and 31.11 |
| Mohan Kesani, M.D. | 10 CFR 35.100 and 35.200 |
| Charles-Lauwanga Okoro, D.O. | 10 CFR 35.200 |
| Feng Zhang, M.D. | 10 CFR 35.100 and 35.200 |
| Mary Nicholson, M.D. | 10 CFR 35.100 and 35.200 |
| John Gustaitis, M.D. | 10 CFR 35.100 and 35.200 |
| Thomas Shin, M.D. | 10 CFR 35.100 and 35.200 |

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Authorized User(M.D.,D.O.,etc.)Material and Use

Ramana Yedavalli, M.D.

10 CFR 35.100 and 35.200

Justin Spackey, M.D.

10 CFR 35.100 and 35.200

Sorin Lazar, M.D.

10 CFR 35.200

Jay Pandhi, M.D.

10 CFR 35.100 and 35.200

Ravi S. Bhagwat, M.D.

10 CFR 35.100 and 35.200

Satyaprakash Makam, M.D.

10 CFR 35.100 and 35.200

13. 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. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. 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 June 3, 2015 (ML15159A392)
 - B. Letter dated October 23, 2015 (ML15300A589)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: March 23, 2017By: Sara A. Forster
Sara A. Forster
Region III