

global disease burden is hampered by remarkably high treatment costs and a high number of undiagnosed infections. Moreover, a significant number of patients develop resistance and additional treatment modalities may be needed to dramatically reduce the worldwide incidence of HCV infection. The subject cell line may be a useful tool for studying the mechanism of HCV cellular entry and replication and could be incorporated into an in vitro assay to measure the effectiveness of novel HCV targeted therapies or as a system for improved propagation of HCV in culture.

By overexpressing TACSTD2 in Huh7.5 cells, scientists at the National Institute of Allergy and Infectious Diseases (NIAID) discovered that they could restore the cellular localization of two host cell HCV-entry factors that become dysregulated in hepatocellular carcinoma (HCC) cells. Overexpression of TACSTD2 makes Huh7.5 cells more broadly permissive to infection and replication by multiple HCV genotypes in comparison to the canonical Huh7.5 cell model. HCV does not replicate in malignant HCC cells, possibly caused in part by downregulation of TACSTD2 expression.

This technology is available for licensing for commercial development in accordance with 35 U.S.C. 209 and 37 CFR part 404.

#### Potential Commercial Applications

- Cell line to study hepatitis C virus infection and replication or propagate HCV in culture.
- Cell line to study cancer.

#### Development Stage

- Material.
- Inventors:* Patrizia Farci and Vandana Sekhar (NIAID).

*Publication:* Sekhar V, Pollicino T, Diaz G, Engle RE, Alayli F, Melis M, Kabat J, Tice A, Pomerenke A, Altan-Bonnet N, Zamboni F, Lusso P, Emerson SU, and Farci P. (2018) Infection with hepatitis C virus depends on TACSTD2, a regulator of claudin-1 and occludin highly downregulated in hepatocellular carcinoma. *PLoS Pathog* 14: e1006916. doi: 10.1371/journal.ppat.1006916.

*Licensing Contact:* To license this technology, please contact Elizabeth Pitts, Ph.D., 240-669-5299; [elizabeth.pitts@nih.gov](mailto:elizabeth.pitts@nih.gov), and reference E-040-2020.

Dated: August 12, 2021.

#### Surekha Vathyam,

*Deputy Director, Technology Transfer and Intellectual Property Office, National Institute of Allergy and Infectious Diseases.*

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## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Cancer Institute; Notice of Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended, notice is hereby given of a meeting of the National Cancer Advisory Board.

The meeting will be held as a virtual meeting and is open to the public as indicated below. Individuals who plan to view the virtual meeting and need special assistance or other reasonable accommodations to view the meeting should notify the Contact Person listed below in advance of the meeting. The meeting will be videocast and can be accessed from the NIH Videocasting and Podcasting website (<http://videocast.nih.gov/>).

A portion of the National Cancer Advisory Board meeting will be closed to the public in accordance with the provisions set forth in sections 552b(c)(4) and 552b(c)(6), Title 5 U.S.C., as amended. The grant applications and the discussions could disclose confidential trade secrets or commercial property such as patentable material, and personal information concerning individuals associated with the grant applications, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

*Name of Committee:* National Cancer Advisory Board.

*Date:* August 31, 2021.

*Open:* 1:00 p.m. to 3:10 p.m.

*Agenda:* NCAB Subcommittee Meetings—Subcommittee on Planning and Budget and *Ad Hoc* Subcommittee on Global Cancer Research.

*Place:* National Cancer Institute—Shady Grove, 9609 Medical Center Drive, Rockville, MD 20850 (Virtual Meeting).

*Name of Committee:* National Cancer Advisory Board.

*Date:* September 1, 2021.

*Open:* 1:00 p.m. to 4:15 p.m.

*Agenda:* Director's and Program reports and presentations; business of the Board.

*Closed:* 4:25 p.m. to 5:30 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* National Cancer Institute—Shady Grove, 9609 Medical Center Drive, Rockville, MD 20850 (Virtual Meeting).

*Contact Person:* Paulette S. Gray, Ph.D., Director, Division of Extramural Activities, National Cancer Institute—Shady Grove, National Institutes of Health, 9609 Medical Center Drive, 7th Floor, Room 7W444, Bethesda, MD 20892, 240-276-6340, [grayp@mail.nih.gov](mailto:grayp@mail.nih.gov).

Any interested person may file written comments with the committee by forwarding the statement to the Contact Person listed on

this notice. The statement should include the name, address, telephone number and when applicable, the business or professional affiliation of the interested person.

Information is also available on the Institute's/Center's home page: NCAB: <https://deainfo.nci.nih.gov/advisory/ncab/ncabmeetings.htm>, where an agenda and any additional information for the meetings will be posted when available.

This notice is being published less than 15 days prior to the meeting due to scheduling difficulties.

(Catalogue of Federal Domestic Assistance Program Nos. 93.392, Cancer Construction; 93.393, Cancer Cause and Prevention Research; 93.394, Cancer Detection and Diagnosis Research; 93.395, Cancer Treatment Research; 93.396, Cancer Biology Research; 93.397, Cancer Centers Support; 93.398, Cancer Research Manpower; 93.399, Cancer Control, National Institutes of Health, HHS)

Dated: August 13, 2021.

#### Melanie J. Pantoja,

*Program Analyst, Office of Federal Advisory Committee Policy.*

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## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute of Nursing Research; Notice of Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended, notice is hereby given of a meeting of the National Advisory Council for Nursing Research.

The meeting will be open to the public as indicated below via videocast. The URL link to this meeting is <https://videocast.nih.gov/watch=42425>.

Individuals who plan to attend and need special assistance, such as sign language interpretation or other reasonable accommodations, should notify the Contact Person listed below in advance of the meeting.

The meeting will be closed to the public in accordance with the provisions set forth in sections 552b(c)(4) and 552b(c)(6), Title 5 U.S.C., as amended. The grant applications and the discussions could disclose confidential trade secrets or commercial property such as patentable material, and personal information concerning individuals associated with the grant applications, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

*Name of Committee:* National Advisory Council for Nursing Research.

*Date:* September 14, 2021.

*Open:* 11:00 a.m. to 3:30 p.m.