

Potential Commercial Applications

Research tool:

- Detection and visualization of DNA/RNA hybrids, “R-loops”, or sites of viral replication in cells
- DNA/RNA immunoprecipitation (DRIP) studies
- Antibody based micro-arrays
For use in diagnostic kits that detect:
- Viral/bacterial infections
- miRNA biomarkers of disease (*i.e.* certain cancers)

Competitive Advantages

- Only available monoclonal antibody specific for DNA/RNA hybrids
- Binding properties extensively characterized by NIH researchers
- Widely-accepted as a key research reagent
- Antibody based micro-arrays are inexpensive, efficient, and increase detection of small or structured transcripts, as well as transcripts present at low levels

Development Stage

- *in vitro* data available

Inventors

S. Leppla, C. Leysath, D. Phillips, D. Garboczi, L. Lantz (all of NIAID).

Publications

- Phillips DD, et al. (2013)—PMID: 23784994—PMCID: *PMC4061737*—The sub-nanomolar binding of DNA-RNA hybrids by the single-chain Fv fragment of antibody S9.6
- Hu Z, et al. (2006)—PMID: 16614443—PMCID: *PMC1435976*—An antibody-based microarray assay for small RNA detection

Intellectual Property: HHS Reference No. E-738-2013

Licensing Contact: Dr. Natalie Greco, 301-761-7898; *Natalie.Greco@nih.gov*

Collaborative Research Opportunity: The National Institute of Allergy and Infectious Diseases is seeking statements of capability or interest from parties interested in collaborative research to further develop, evaluate or commercialize antibodies produced by the S9.6 hybridoma. For collaboration opportunities, please contact Dr. Natalie Greco, 301-761-7898; *Natalie.Greco@nih.gov*.

Dated: December 1, 2017.

Suzanne Frisbie,

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

[FR Doc. 2017-26937 Filed 12-13-17; 8:45 am]

BILLING CODE 4140-01-P

DEPARTMENT OF HEALTH AND HUMAN SERVICES

National Institutes of Health

Submission for OMB Review; 30-Day Comment Request; Special Volunteer and Guest Researcher Assignment (Office of Intramural Research, Office of the Director)

AGENCY: National Institutes of Health, HHS.

ACTION: Notice.

SUMMARY: In compliance with the Paperwork Reduction Act of 1995, the National Institutes of Health (NIH) has submitted to the Office of Management and Budget (OMB) a request for review and approval of the information collection listed below.

DATES: Comments regarding this information collection are best assured of having their full effect if received within 30-days of the date of this publication.

ADDRESSES: Written comments and/or suggestions regarding the item(s) contained in this notice, especially regarding the estimated public burden and associated response time, should be directed to the: Office of Management and Budget, Office of Regulatory Affairs, *OIRA_submission@omb.eop.gov* or by fax to 202-395-6974, Attention: Desk Officer for NIH.

FOR FURTHER INFORMATION CONTACT: To request more information on the proposed project or to obtain a copy of the data collection plans and instruments, contact: Dr. Arlyn Garcia-Perez, Assistant Director, Office of Intramural Research, Office of the Director, National Institutes of Health, 1 Center Drive MSC 0140, Building 1, Room 160, MSC-0140, Bethesda, Maryland 20892 or call non-toll-free number (301) 496-1921 or (301) 496-

1381 or Email your request, including your address to: *GarciaA@od.nih.gov*.

SUPPLEMENTARY INFORMATION: This proposed information collection was previously published in the **Federal Register** on September 15, 2017, page 43394 (82 FR 43394) and allowed 60 days for public comment. No public comments were received. The purpose of this notice is to allow an additional 30 days for public comment. The Office of Intramural Research (OIR), Office of the Director, National Institutes of Health, may not conduct or sponsor, and the respondent is not required to respond to, an information collection that has been extended, revised, or implemented on or after October 1, 1995, unless it displays a currently valid OMB control number.

In compliance with Section 3507(a)(1)(D) of the Paperwork Reduction Act of 1995, the National Institutes of Health (NIH) has submitted to the Office of Management and Budget (OMB) a request for review and approval of the information collection listed below.

Proposed Collection: Special Volunteer and Guest Researcher Assignment—0925-0177, exp., date 08/31/2017—Reinstatement without Change of, Office of Intramural Research (OIR), Office of the Director (OD), National Institutes of Health (NIH).

Need and Use of Information Collection: Form Number: NIH-590 is a single form completed by an NIH official for each Guest Researcher or Special Volunteer prior to his/her arrival at NIH. The information on the form is necessary for the approving official to reach a decision on whether to allow a Guest Researcher to use NIH facilities, or whether to accept volunteer services offered by a Special Volunteer. If the original assignment is extended, another form notating the extension is completed to update the file. In addition, each Special Volunteer and Guest Researcher reads and signs an NIH Agreement.

OMB approval is requested for 3 years. There are no costs to respondents other than their time. The total estimated annualized burden hours are 527.

ESTIMATED ANNUALIZED BURDEN HOURS

| Form name | Type of respondents | Number of respondents | Number of responses per respondent | Average burden per response (in hours) | Total annual hour burden hours |
|--|---|-----------------------|------------------------------------|--|--------------------------------|
| Special Volunteer and Guest Researcher Assignment. | Special Volunteers and Guest researchers. | 2,870 | 1 | 6/60 | 287 |
| NIH Special Volunteer Agreement | Special Volunteers | 2,600 | 1 | 5/60 | 217 |

ESTIMATED ANNUALIZED BURDEN HOURS—Continued

| Form name | Type of respondents | Number of respondents | Number of responses per respondent | Average burden per response (in hours) | Total annual hour burden hours |
|------------------------------------|-------------------------|-----------------------|------------------------------------|--|--------------------------------|
| NIH Guest Researcher Agreement ... | Guest Researchers | 270 | 1 | 5/60 | 23 |
| Totals | | 2,870 | | | 527 |

Dated: December 8, 2017.

Lawrence A. Tabak,
Deputy Director, NIH.

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DEPARTMENT OF HOMELAND SECURITY

Coast Guard

[Docket No. USCG-2017-0952]

Information Collection Request to Office of Management and Budget; OMB Control Number: 1625-0011

AGENCY: Coast Guard, DHS.

ACTION: 60-Day notice requesting comments.

SUMMARY: In compliance with the Paperwork Reduction Act of 1995, the U.S. Coast Guard intends to submit an Information Collection Request (ICR) to the Office of Management and Budget (OMB), Office of Information and Regulatory Affairs (OIRA), requesting an extension of its approval for the following collection of information: 1625-0011, Applications for Private Aids to Navigation and for Class I Private Aids to Navigation on Artificial Islands and Fixed Structures; without change. Our ICR describes the information we seek to collect from the public. Before submitting this ICR to OIRA, the Coast Guard is inviting comments as described below.

DATES: Comments must reach the Coast Guard on or before February 12, 2018.

ADDRESSES: You may submit comments identified by Coast Guard docket number [USCG-2017-0952] to the Coast Guard using the Federal eRulemaking Portal at <http://www.regulations.gov>. See the "Public participation and request for comments" portion of the **SUPPLEMENTARY INFORMATION** section for further instructions on submitting comments.

A copy of the ICR is available through the docket on the internet at <http://www.regulations.gov>. Additionally, copies are available from: Commandant (CG-612), Attn: Paperwork Reduction Act Manager, U.S. Coast Guard, 2703

Martin Luther King Jr Ave. SE, Stop 7710, Washington, DC 20593-7710.

FOR FURTHER INFORMATION CONTACT:

Contact Mr. Anthony Smith, Office of Information Management, telephone 202-475-3532, or fax 202-372-8405, for questions on these documents.

SUPPLEMENTARY INFORMATION:

Public Participation and Request for Comments

This Notice relies on the authority of the Paperwork Reduction Act of 1995; 44 U.S.C. chapter 35, as amended. An ICR is an application to OIRA seeking the approval, extension, or renewal of a Coast Guard collection of information (Collection). The ICR contains information describing the Collection's purpose, the Collection's likely burden on the affected public, an explanation of the necessity of the Collection, and other important information describing the Collection. There is one ICR for each Collection.

The Coast Guard invites comments on whether this ICR should be granted based on the Collection being necessary for the proper performance of Departmental functions. In particular, the Coast Guard would appreciate comments addressing: (1) The practical utility of the Collection; (2) the accuracy of the estimated burden of the Collection; (3) ways to enhance the quality, utility, and clarity of information subject to the Collection; and (4) ways to minimize the burden of the Collection on respondents, including the use of automated collection techniques or other forms of information technology. In response to your comments, we may revise this ICR or decide not to seek an extension of approval for the Collection. We will consider all comments and material received during the comment period.

We encourage you to respond to this request by submitting comments and related materials. Comments must contain the OMB Control Number of the ICR and the docket number of this request [USCG-2017-0952], and must be received by February 12, 2018.

Submitting Comments

We encourage you to submit comments through the Federal eRulemaking Portal at <http://www.regulations.gov>. If your material cannot be submitted using <http://www.regulations.gov>, contact the person in the **FOR FURTHER INFORMATION CONTACT** section of this document for alternate instructions. Documents mentioned in this notice, and all public comments, are in our online docket at <http://www.regulations.gov> and can be viewed by following that website's instructions. Additionally, if you go to the online docket and sign up for email alerts, you will be notified when comments are posted.

We accept anonymous comments. All comments received will be posted without change to <http://www.regulations.gov> and will include any personal information you have provided. For more about privacy and the docket, you may review a Privacy Act notice regarding the Federal Docket Management System in the March 24, 2005, issue of the **Federal Register** (70 FR 15086).

Information Collection Request

Title: Applications for Private Aids to Navigation and for Class I Private Aids to Navigation on Artificial Islands and Fixed Structures.

OMB Control Number: 1625-0011.

Summary: Under the provision of 14 U.S.C. 81, the Coast Guard is authorized to establish aids to navigation. Title 14 U.S.C. 83 prohibits establishment of aids to navigation without permission of the Coast Guard. Title 33 CFR 66.01-5 provides a means for private individuals to establish privately maintained aids to navigation. Under 43 U.S.C. 1333, the Coast Guard has the authority to promulgate and enforce regulations concerning lights and other warning devices relating to the promotion of safety of life and property on artificial islands, installations, and other devices on the outer continental shelf involved in the exploration, development, removal, or transportation of resources there from. Title 33 CFR 67.35-1 prescribes the type of aids to navigation that must be installed on artificial