

*Licensing Contact:* Betty B. Tong, Ph.D.; 301-594-6565; [tongb@mail.nih.gov](mailto:tongb@mail.nih.gov).

*Collaborative Research Opportunity:* The National Institute of Neurological Disorders and Stroke (NINDS) is seeking statements of capability or interest from parties interested in collaborative research to further develop, evaluate or commercialize treatment of brain injury or disease through transcranial drug delivery. For collaboration opportunities, please contact Melissa Maderia, Ph.D., M.B.A. at [maderiam@mail.nih.gov](mailto:maderiam@mail.nih.gov) or 240-276-5533.

### Tri-functional Imaging Agent for Monoclonal Antibody Tumor-Targeted Imaging

*Description of Technology:* This is a novel lysine-based trifunctional chelate which bears both a chelating moiety (CHX-A") for sequestering radiometals (86Y or 111In) and a near-infrared dye, e.g., Cy5.5, for dual modality PET (or SPECT) and fluorescence imaging. Successful conjugation of monoclonal antibody trastuzumab (Herceptin) or cetuximab (Erbix), has also been achieved by efficient thiol-maleimide chemistry, thereby yielding an immunoconjugate (Signaling agent (Cy5.5-Lys(SMCC)-CHX-A") conjugated to trastuzumab) or (Signaling agent (Cy7-Lys(SMCC)-CHX-A") conjugated to cetuximab). Both specifically target antigen expressing cells and internalization of the agent has been imaged over time. Trastuzumab can be radiolabeled with isothiocyanate derivatives of the bifunctional chelating agents 1B4M (2-(4-aminobenzy1)-6-methyldiethylenetriaminepentaacetic acid); and CHX-A" (N-[(R)-2-amino-3-(p-aminophenyl)propyl]-trans-(S,S)-cyclohexane-1,2-diamine-N,N,N',N',N"-pentaacetic acid).

#### Potential Commercial Applications:

- Cancer imaging.
- Cancer diagnostics.

#### Competitive Advantages:

- Target specific.
- Multifunctional (imageable through multiple platforms).

#### Development Stage:

- Early-stage.
- In vivo data available (animal).

*Inventors:* Martin W. Brechbiel, Heng Wu, Kwamena E. Baidoo (all of NCI).

#### Publications:

1. Xu H, et al. Design, synthesis, and characterization of a dual modality positron emission tomography and fluorescence imaging agent for monoclonal antibody tumor-targeted imaging. *J Med Chem.* 2007 Sep 20;50(19):4759-65. [PMID 17725340]

2. Nayak TK, et al. PET and MRI of metastatic peritoneal and pulmonary

colorectal cancer in mice with human epidermal growth factor receptor 1-targeted 89Zr-labeled panitumumab. *J Nucl Med.* 2012 Jan;53(1):113-20. [PMID 22213822]

3. Dadwal M, et al. Synthesis and evaluation of a bifunctional chelate for development of Bi(III)-labeled radioimmunoconjugates. *Bioorg Med Chem Lett.* 2011 Dec 15;21(24):7513-5. [PMID 22047687]

4. Song HA, et al. Efficient bifunctional decadentate ligand 3p-C-DEPA for targeted alpha-radioimmunotherapy applications. *Bioconjug Chem.* 2011 Jun 15;22(6):1128-35. [PMID 21604692]

5. Bumb A, et al. Preparation and characterization of a magnetic and optical dual-modality molecular probe. *Nanotechnology.* 2010 Apr 30;21(17):175704. [PMID 20368682]

*Intellectual Property:* HHS Reference No. E-194-2007/0—US Patent Application No. 12/667,790 filed 05 Jan 2010 (allowed).

*Related Technology:* HHS Reference No. E-111-2013/0—US Provisional Application No. 61/779,016 filed 13 Mar 2013.

*Licensing Contact:* Michael A. Shmilovich, Esq., CLP; 301-435-5019; [shmilovm@mail.nih.gov](mailto:shmilovm@mail.nih.gov).

*Collaborative Research Opportunity:* The National Cancer Institute Radiation Oncology Branch is seeking statements of capability or interest from parties interested in collaborative research to further develop, evaluate or commercialize Trifunctional Imaging Agent for Monoclonal Antibody Tumor-Targeted Imaging. For collaboration opportunities, please contact John D. Hewes, Ph.D. at [hewesj@mail.nih.gov](mailto:hewesj@mail.nih.gov).

Dated: August 6, 2013.

**Richard U. Rodriguez,**

*Director, Division of Technology Development and Transfer, Office of Technology Transfer, National Institutes of Health.*

[FR Doc. 2013-19285 Filed 8-8-13; 8:45 am]

**BILLING CODE 4140-01-P**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### National Institute of Environmental Health Sciences; Notice of Meeting

Pursuant to section 10(d) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), notice is hereby given of a meeting of the National Advisory Environmental Health Sciences Council.

The meeting will be open to the public as indicated below, with

attendance limited to space available. 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 Environmental Health Sciences Council.

*Date:* September 10, 2013.

*Open:* 8:30 a.m. to 3:15 p.m.

*Agenda:* Discussion of program policies and issues.

*Place:* Nat. Inst. of Environmental Health Sciences, Building 101, Rodbell Auditorium, 111 T. W. Alexander Drive, Research Triangle Park, NC 27709.

*Closed:* 3:30 p.m. to 5 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* Nat. Inst. of Environmental Health Sciences, Building 101, Rodbell Auditorium, 111 T. W. Alexander Drive, Research Triangle Park, NC 27709.

*Date:* September 11, 2013.

*Closed:* 8:30 a.m. to 3:15 p.m.

*Agenda:* To review and evaluate grant applications.

*Place:* Nat. Inst. of Environmental Health Sciences, Building 101, Rodbell Auditorium, 111 T. W. Alexander Drive, Research Triangle Park, NC 27709.

*Contact Person:* Gwen W. Collman, Ph.D., Interim Director, Division of Extramural Research & Training, National Institutes of Health, Nat. Inst. of Environmental Health Sciences, 615 Davis Dr. KEY615/3112, Research Triangle Park, NC 27709, (919) 541-4980, [collman@niehs.nih.gov](mailto:collman@niehs.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: [www.niehs.nih.gov/dert/c-agenda.htm](http://www.niehs.nih.gov/dert/c-agenda.htm), where an agenda and any additional information for the meeting will be posted when available.

(Catalogue of Federal Domestic Assistance Program Nos. 93.115, Biometry and Risk Estimation—Health Risks from Environmental Exposures; 93.142, NIEHS Hazardous Waste Worker Health and Safety

Training; 93.143, NIEHS Superfund Hazardous Substances—Basic Research and Education; 93.894, Resources and Manpower Development in the Environmental Health Sciences; 93.113, Biological Response to Environmental Health Hazards; 93.114, Applied Toxicological Research and Testing, National Institutes of Health, HHS)

Dated: August 2, 2013.

**Carolyn Baum,**

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

[FR Doc. 2013–19283 Filed 8–8–13; 8:45 am]

**BILLING CODE 4140–01–P**

**DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**National Institutes of Health**

**National Institute of Mental Health; Notice of Meeting**

Pursuant to section 10(a) of the Federal Advisory Committee Act, as amended (5 U.S.C. App.), notice is hereby given of a meeting of the Interagency Autism Coordinating Committee (IACC) Subcommittee for Services Research and Policy Subcommittee.

The IACC Subcommittee for Services Research and Policy will be having a conference call on Tuesday, August 27, 2013. The Subcommittee will discuss future subcommittee activities. The meeting will be accessible by conference call.

*Name of Committee:* Interagency Autism Coordinating Committee (IACC).

*Type of meeting:* Conference Call.

*Date:* August 27, 2013.

*Time:* 2 p.m.–4 p.m. \*Eastern Time\*—Approximate end time.

*Agenda:* The committee will discuss future subcommittee activities.

*Place:* Conference call only; No in-person meeting.

*Conference Call:* Dial: 888–989–8135, Access code: 3593305.

*Cost:* The conference call is free.

*Contact Person:* Ms. Lina Perez, Office of Autism Research Coordination, National Institute of Mental Health, NIH, 6001 Executive Boulevard, NSC, Room 6182A, Rockville, MD 20852, Phone: (301) 443–6040, Email: [IACCPublicInquiries@mail.nih.gov](mailto:IACCPublicInquiries@mail.nih.gov).

*Please Note:* The meeting will be open to the public and accessible via conference call. Members of the public who participate using the conference call phone number will be able to listen to the meeting but will not be heard. If you experience any technical problems with the conference call, please send an email to [helpdeskiacc@gmail.com](mailto:helpdeskiacc@gmail.com) or call 415–652–8023 for technical support.

*Accommodations Statement:* Individuals who participate by using

this electronic service and who need special assistance such as captioning or other reasonable accommodations should submit a request to the Contact Person listed on this notice at least 5 days prior to the meeting.

This meeting notice is being published less than 30 days in advance of the meeting due to the urgent need of the subcommittee to discuss the subcommittees upcoming activities and emerging issues in the autism community.

Schedule subject to change.

Information about the IACC is available on the Web site: <http://www.iacc.hhs.gov>.

Dated: August 5, 2013.

**Carolyn Baum,**

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

[FR Doc. 2013–19284 Filed 8–8–13; 8:45 am]

**BILLING CODE 4140–01–P**

**DEPARTMENT OF HOMELAND SECURITY**

**Coast Guard**

[Docket No. USCG–2013–0240]

**Draft Revisions to the Marine Safety Manual, Volume III, Chapters 20–26**

**AGENCY:** Coast Guard, DHS.

**ACTION:** Notice of availability with request for comments

**SUMMARY:** The Coast Guard announces the availability of a draft update to the Marine Safety Manual (MSM), Volume III, Marine Industry Personnel, and the corresponding Commandant Change Notice that highlights the changes made to that manual. MSM Volume III provides information and interpretations on international conventions and U.S. statutory and regulatory issues relating to marine industry personnel. This Commandant Change Notice discusses the substantive changes to chapters 20 through 26 of MSM Volume III. The Coast Guard seeks and will consider comments on this draft before issuing a final version of this manual.

**DATES:** Comments must be received by the Coast Guard on or before October 8, 2013.

**ADDRESSES:** To view the documents mentioned in this notice, go to <http://www.regulations.gov> and use “USCG–2013–0240” as your search term. Locate this notice in the search results, and use the filters on the left side of the page to locate specific documents by type. If you do not have access to the Internet, you may view the docket online by

visiting the Docket Management Facility in Room W12–140 on the ground floor of the Department of Transportation West Building, 1200 New Jersey Avenue SE., Washington, DC 20590, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. We have an agreement with the Department of Transportation to use the Docket Management Facility.

**FOR FURTHER INFORMATION CONTACT:** If you have questions on this notice, call or email Lieutenant Corydon Heard, Office of Commercial Vessel Compliance, U.S. Coast Guard; telephone 202–372–1208, email [Corydon.F.Heard@uscg.mil](mailto:Corydon.F.Heard@uscg.mil). If you have questions on viewing material in the docket, call Docket Operations at 202–366–9826.

**SUPPLEMENTARY INFORMATION:**

*Viewing the Commandant Change Notice and Draft of MSM Volume III, Chapters 20–26:* To view this Commandant Change notice and Draft MSM Volume III, chapters 20–26, go to <http://www.regulations.gov>, use “USCG–2013–0240” as your search term, and follow the instructions in the **ADDRESSES** section above.

**Background and Purpose**

Volume III of the Marine Safety Manual (MSM) provides information and interpretations on international conventions and U.S. statutory and regulatory issues relating to marine industry personnel. The last revisions to Volume III of the MSM were released on May 27, 1999. This notice updates portions of chapters 20 through 26.

Specifically, substantive changes include: (1) Updated provisions for vessel manning, including guidance for the issuing of safe manning documents; (2) clarifying roles, responsibilities, and facilitation of communications with the appropriate offices at Coast Guard Headquarters in alignment with *Deputy Commandant for Operations Organization 3.0*; and (3) revised discussion on the impact of multiple international standards, including the Officer’s Competency Certificates Convention (OCCC) 1936, the International Convention for Safety of Life at Sea (SOLAS), the Global Maritime Distress and Safety System (GMDSS), and the Principles of Minimum Safe Manning (IMO Resolution A.1047(27)). Additionally, this draft clarifies the applicability of tonnage measurement systems to U.S. flag vessels, and it also includes changes resulting from the consolidation of merchant mariner qualification credentials, including the removal of