

Guidelines to Agencies on Governmentwide Debarment and Suspension (2 CFR 376 *et seq.*); and

(2) Dr. Bhargu is prohibited from serving in any advisory capacity to the U.S. Public Health Service (PHS), including but not limited to service on any PHS advisory committee, board, and/or peer review committee, or as a consultant.

**FOR FURTHER INFORMATION CONTACT:**

Director, Division of Investigative Oversight, Office of Research Integrity, 1101 Wootton Parkway, Suite 750, Rockville, MD 20852, (240) 453-8800.

**John Dahlberg,**

Director, Division of Investigative Oversight, Office of Research Integrity.

[FR Doc. 2011-10150 Filed 4-26-11; 8:45 am]

**BILLING CODE 4150-31-P**

**DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**Office of the Secretary**

**Findings of Research Misconduct**

**AGENCY:** Office of the Secretary, HHS.

**ACTION:** Notice.

**SUMMARY:** Notice is hereby given that the Office of Research Integrity (ORI) has taken final action in the following case:

*Junghee J. Shin, PhD, New York Medical College:* Based on the report of an investigation conducted by New York Medical College (NYMC) and additional analysis by the Office of Research Integrity (ORI) in its oversight review, the U.S. Public Health Service (PHS) found that Junghee J. Shin, PhD, former graduate student, NYMC, engaged in research misconduct in research supported by National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health (NIH), grants R01 AI048856 and R01 AI043063.

PHS found that the Respondent engaged in research misconduct by falsifying data in Figure 4 of a manuscript submitted to the journal *Infection and Immunity* (Shin, J.J., Godfrey, H.P., & Cabello, F.C. "Expression and localization of BmpC in *Borrelia burgdorferi* after growth under various environmental conditions." Submitted to *Infection and Immunity*; hereafter referred to as the "manuscript") and Figure 5 of a paper published in *Infection and Immunity* (Shin, J.J., Bryksin, A.V., Godfrey, H.P., & Cabello, F.C. "Localization of BmpA on the exposed outer membrane of *Borrelia burgdorferi* by monospecific anti-recombinant BmpA rabbit

antibodies." *Infection and Immunity* 72(4):2280-2287, April 2004; hereafter referred to as the "paper." Retracted in: *Infection and Immunity* 76(10):4792, October 2008). Specifically, NYMC and ORI found that:

- Dr. Shin falsified microscopic immunofluorescence blank images in Figure 4 of the manuscript (top row, 1st, 2nd, 4th, and 5th panels, and bottom row, 1st panel) and Figure 5 of the paper (top row, 1st and 5th panels, lower 1st panel) by using one blank image from an unknown experiment to falsely represent the preimmunization control conditions (intact cells and methanol fixation) as well as the negative staining of anti-BmpC and anti-FlaB in Figure 4 and anti-FlaB in Figure 5 on intact cells.

- Dr. Shin falsified at least one of two images in Figure 4 of the manuscript and Figure 5 of the paper by using different portions of a green-red pair of microscopic immunofluorescence images (1230036.tif and 1230037.tif) because unfixed cells staining positive for BmpA in the top row, 4th panel, of Figure 5 were the same unfixed cells purportedly positive for OspA in the top row, 3rd panel, of Figure 4.

- Dr. Shin falsified at least one of two images in Figure 4 of the manuscript and Figure 5 of the paper by using different photo cropping from a single microscopic immunofluorescence image (1230039.tif) to represent fixed cells positive for BmpA and labeled with anti-FlaB in the lower row, 5th panel, of Figure 5 and to also represent fixed cells positive for BmpC and stained with anti-FlaB in the lower row, 5th panel, of Figure 4.

Dr. Shin has entered into a Voluntary Settlement Agreement in which she has voluntarily agreed, for a period of three (3) years, beginning on April 5, 2011:

(1) That any institution that submits an application for PHS support for a research project on which the Respondent's participation is proposed or that uses her in any capacity on PHS-supported research, or that submits a report of PHS-funded research in which she is involved, must concurrently submit a plan for supervision of her duties to ORI for approval; the supervisory plan must be designed to ensure the scientific integrity of her research contribution; Respondent agrees that she will not participate in any PHS-supported research until such a supervision plan is submitted to ORI; and

(2) to exclude herself voluntarily from service in any advisory capacity to PHS, including but not limited to service on any PHS advisory committee, board, and/or peer review committee, or as a consultant.

**FOR FURTHER INFORMATION CONTACT:**

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**John Dahlberg,**

Director, Division of Investigative Oversight, Office of Research Integrity.

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**DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**Agency for Toxic Substances and Disease Registry**

**[CDC-2011-0005]**

**Availability of Draft Toxicological Profile**

**AGENCY:** Agency for Toxic Substances and Disease Registry (ATSDR), Department of Health and Human Services (DHHS).

**ACTION:** Notice of availability.

**SUMMARY:** This notice announces the availability of the Toxicological Profile for Uranium (Update) for review and comment. These comments can include additional information or reports on studies about the health effects of uranium. Although ATSDR considered key studies for uranium during the profile development process, this **Federal Register** notice solicits any relevant, additional studies, particularly unpublished data. ATSDR will evaluate the quality and relevance of such data or studies for possible addition to the profile. ATSDR remains committed to providing a public comment period for this document as a means to best serve public health and our clients.

The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), § 104(i)(3), [42 U.S.C. 9604(i)(3)], directs the ATSDR administrator to prepare toxicological profiles of priority hazardous substances and, as necessary, to revise and publish each updated toxicological profile.

**DATES:** To be considered, comments on this draft toxicological profile must be received not later than July 29th, 2011. Comments received after the close of the public comment period will be considered at the discretion of ATSDR, based upon what is deemed to be in the best interest of the general public.

**ADDRESSES:** Requests for printed copies of the draft toxicological profile should be sent via e-mail to [cdcinfo@cdc.gov](mailto:cdcinfo@cdc.gov), or