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[FR Doc. 2024-00652 Filed 1-12-24; 8:45 am]

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## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### Centers for Disease Control and Prevention

[Docket Number CDC-2020-0046, NIOSH-  
233-C]

#### Request for Public Comment on NIOSH Initial Recommendations To Change the Status of Liraglutide and Pertuzumab on the NIOSH List of Antineoplastic and Other Hazardous Drugs in Healthcare Settings

**AGENCY:** Centers for Disease Control and  
Prevention (CDC), Department of Health  
and Human Services (HHS).

**ACTION:** Request for comment.

**SUMMARY:** The National Institute for  
Occupational Safety and Health  
(NIOSH) of the Centers for Disease  
Control and Prevention (CDC), in the  
Department of Health and Human  
Services (HHS), requests public  
comment on two draft reevaluations  
with initial recommendations to change  
the status of two drugs, liraglutide and  
pertuzumab, on the NIOSH List of  
Antineoplastics and Other Hazardous  
Drugs in Healthcare Settings (List). The  
reevaluations were developed based on  
the process described in the NIOSH  
Procedures for Developing the NIOSH  
List of Hazardous Drugs in Healthcare  
Settings. Based on the reevaluations, the  
NIOSH initial recommendations are to  
remove liraglutide and pertuzumab from  
the List.

**DATES:** Electronic or written comments  
must be received by February 15, 2024.

**ADDRESSES:** You may submit comments,  
identified by CDC-2020-0046 and  
docket number NIOSH-233-C, by either  
of the following methods:

- *Federal eRulemaking Portal:*  
<https://www.regulations.gov>. Follow the  
instructions for submitting comments.

- *Mail:* National Institute for  
Occupational Safety and Health, NIOSH  
Docket Office, 1090 Tusculum Avenue,  
MS C-34, Cincinnati, Ohio 45226-1998.

*Instructions:* All information received  
in response to this notice must include  
the agency name and docket number  
(CDC-2020-0046; NIOSH-233-C). All  
relevant comments, including any  
personal information provided, will be  
posted without change to <https://>

[www.regulations.gov](https://www.regulations.gov). Do not submit  
comments by email. CDC does not  
accept comments by email. For access to  
the docket to read background  
documents or comments received, go to  
<https://www.regulations.gov>.

**FOR FURTHER INFORMATION CONTACT:** R.  
Todd Niemeier, Ph.D., National Institute  
for Occupational Safety and Health,  
MS-C15, 1090 Tusculum Avenue,  
Cincinnati, OH 45226. Telephone: (513)  
533-8166.

**SUPPLEMENTARY INFORMATION:** NIOSH  
seeks public comments on its  
reevaluations with initial  
recommendations to change the status  
of two drugs, pertuzumab and  
liraglutide, on the NIOSH List of  
Antineoplastic and Other Hazardous  
Drugs in Healthcare Settings (the List).  
The NIOSH reevaluations were  
conducted based on the process  
described in the NIOSH Procedures for  
Developing the NIOSH List of  
Hazardous Drugs in Healthcare Settings,  
available at [https://www.cdc.gov/niosh/  
docs/2016-161/](https://www.cdc.gov/niosh/docs/2016-161/).

NIOSH reevaluated the placement of  
pertuzumab on the NIOSH List in  
response to a request for reevaluation  
from the manufacturer. Based on this  
reevaluation, the initial NIOSH  
recommendation is to remove  
pertuzumab from the NIOSH List. In its  
reevaluation NIOSH determined that,  
due to the intrinsic molecular properties  
of pertuzumab and the nature of the  
specific hazard posed by exposure to  
pertuzumab, it is not likely to pose a  
hazard to workers in healthcare settings.  
The potential adverse health effect  
relevant to pertuzumab occupational  
exposure is the increased potential for  
fetal developmental abnormalities due  
to oligohydramnios during pregnancy  
[FDA 2012]. However, the development  
of oligohydramnios during pregnancy is  
reversible and would require repeated  
exposures to pertuzumab that are high  
enough to cause oligohydramnios  
through the relevant period of  
development. Pertuzumab has limited  
dermal, oral, and inhalation  
bioavailability due to its intrinsic  
molecular properties. Repeated  
unintended exposures resulting from  
needlestick injuries at levels high  
enough to result in sustained  
oligohydramnios is unlikely. For these  
reasons, pertuzumab is not expected to  
pose a hazard to workers in healthcare  
workplaces.

NIOSH reevaluated the placement of  
liraglutide on the NIOSH List in  
response to a request for reevaluation  
from the manufacturer. Based on this  
reevaluation, the initial NIOSH  
recommendation is to remove

liraglutide from the NIOSH List. In its  
reevaluation NIOSH determined that,  
due to the intrinsic molecular properties  
of liraglutide and the nature of the  
specific hazard posed by exposure to  
liraglutide, it is not likely to pose a  
hazard to workers in healthcare settings.  
In animal studies liraglutide was  
reported to cause C-cell specific thyroid  
tumors [FDA 2009]. This carcinogenic  
effect was due to mitogenic activity, and  
the progression required continued  
liraglutide exposure. The relevance of C-  
cell specific thyroid tumor formation in  
response to liraglutide exposure to  
humans is unknown but cannot be ruled  
out. Potential fetal developmental  
abnormalities are also seen in some  
animal studies, and there may be risk to  
the fetus in pregnant patients. However,  
the intrinsic molecular properties of the  
liraglutide peptide greatly decrease  
dermal, oral, and inhalation  
bioavailability, and the hazards related  
to liraglutide exposure would require  
repeated needlestick injuries. Systemic  
exposures in workplaces are not likely  
to reach levels required for the potential  
adverse effects to pose a hazard.

In addition to providing the  
opportunity for public comment, NIOSH  
is conducting external peer review of its  
reevaluations. NIOSH has completed the  
peer review of pertuzumab and will  
conduct the peer review of liraglutide  
concurrently with the public review.  
The charges to the public and peer  
reviewers are provided below.

#### Public and Peer Review Charge for the Reevaluation of Pertuzumab on the NIOSH List of Hazardous Drugs

The manufacturer's request to  
reevaluate the inclusion of pertuzumab  
on the NIOSH List proposed that  
pertuzumab does not present a potential  
hazard to healthcare worker exposures  
because the properties of the drug limit  
the potential for exposure and therefore  
adverse health effects from that  
exposure. NIOSH developed a scenario  
for worker exposure to pertuzumab to  
evaluate this proposal. Based on this  
scenario NIOSH determined that  
pertuzumab does not meet the NIOSH  
definition of a hazardous drug and  
recommends that it be removed from the  
List. Please review the NIOSH  
reevaluation of pertuzumab and  
consider the following questions.

1. Is this an appropriate method for  
evaluating the potential for exposure to  
pertuzumab?

2. Is oligohydramnios the best health  
effect to evaluate? If not, what other  
health effect(s) should be evaluated and  
why?

3. Is a needlestick injury the only reasonable route of exposure for healthcare workers? Please explain.

4. Are the assumptions about the amount of exposure to pertuzumab in a healthcare setting reasonable? Please explain.

5. Is the determination that the amount of exposure to pertuzumab in a healthcare setting does not constitute a hazard for healthcare workers reasonably supported by the available scientific information? Please explain.

6. What alternatives could be considered to this approach for monoclonal antibodies to characterize the potential hazard to workers?

### Public and Peer Review Charge for the Reevaluation of Liraglutide on the NIOSH List of Hazardous Drugs

The manufacturer's request to reevaluate the inclusion of liraglutide on the NIOSH List proposed that it does not present a potential hazard to healthcare worker exposures because the properties of the drug limit the potential for exposure and therefore adverse health effects from that exposure. To reevaluate this drug, NIOSH reviewed data regarding the hazards and potential for systemic exposure to liraglutide. Based on this reevaluation NIOSH determined that liraglutide does not meet the NIOSH definition of a hazardous drug and recommends that it be removed from the List. Please review the NIOSH reevaluation of liraglutide and consider the following questions.

1. Are the evaluated health effects the appropriate health effects to evaluate? If not, what other health effect(s) should be evaluated and why?

2. Are the assumptions about the potential exposures to liraglutide in a healthcare setting reasonable? Please explain.

3. Is the determination that the amount of exposure to liraglutide in a healthcare setting does not constitute a hazard for healthcare workers reasonably supported by the available scientific information? Please explain.

4. What alternative approaches could be considered to characterize the potential hazard to workers from peptide-based drugs?

5. Is there any additional information that NIOSH should consider in its reevaluation of liraglutide?

### References

- FDA [2009]. Liraglutide Pharmacology Review. Retrieved from <https://www.accessdata.fda.gov/scripts/cder/daf/>.
- FDA [2012]. US Food and Drug Administration Pharmacology Review of Perjeta. Retrieved from [https://www.accessdata.fda.gov/drugsatfda\\_docs/nda/2012/125409Orig1s000PharmR.pdf](https://www.accessdata.fda.gov/drugsatfda_docs/nda/2012/125409Orig1s000PharmR.pdf)

accessdata.fda.gov/drugsatfda\_docs/nda/2012/125409Orig1s000PharmR.pdf NIOSH [2016]. NIOSH list of antineoplastic and other hazardous drugs in healthcare settings, 2016. By Connor TH, MacKenzie BA, DeBord DG, Trout DB, O'Callaghan JP. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication Number 2016-161. <https://www.cdc.gov/niosh/docs/2016-161/> NIOSH [2023]. Procedures for developing the NIOSH list of hazardous drugs in healthcare settings. By Whittaker C, Ovesen JL, MacKenzie BA, Hartley T, Berry KA, Piacentino J. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2023-129. <https://www.cdc.gov/niosh/docs/2023-129/>.

**John J. Howard,**

*Director, National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention.*

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## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### Centers for Disease Control and Prevention

[30Day-24-0576]

### Agency Forms Undergoing Paperwork Reduction Act Review

In accordance with the Paperwork Reduction Act of 1995, the Centers for Disease Control and Prevention (CDC) has submitted the information collection request titled "Possession, Use, and Transfer of Select Agents and Toxins (42 CFR part 73)" to the Office of Management and Budget (OMB) for review and approval. CDC previously published a "Proposed Data Collection Submitted for Public Comment and Recommendations" notice on August 15, 2023, to obtain comments from the public and affected agencies. CDC did not receive any comments related to the previous notice. This notice serves to allow an additional 30 days for public and affected agency comments.

The CDC will accept all comments for this proposed information collection project. The OMB is particularly interested in comments that:

(a) Evaluate whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information will have practical utility;

(b) Evaluate the accuracy of the agencies estimate of the burden of the proposed collection of information, including the validity of the methodology and assumptions used;

(c) Enhance the quality, utility, and clarity of the information to be collected;

(d) Minimize the burden of the collection of information on those who are to respond, including, through the use of appropriate automated, electronic, mechanical, or other technological collection techniques or other forms of information technology, e.g., permitting electronic submission of responses; and

(e) Assess information collection costs.

To request additional information on the proposed project or to obtain a copy of the information collection plan and instruments, call (404) 639-7570. Comments and recommendations for the proposed information collection should be sent within 30 days of publication of this notice to [www.reginfo.gov/public/do/PRAMain](http://www.reginfo.gov/public/do/PRAMain). Find this particular information collection by selecting "Currently under 30-day Review—Open for Public Comments" or by using the search function. Direct written comments and/or suggestions regarding the items contained in this notice to the Attention: CDC Desk Officer, Office of Management and Budget, 725 17th Street NW, Washington, DC 20503 or by fax to (202) 395-5806. Provide written comments within 30 days of notice publication.

### Proposed Project

Possession, Use, and Transfer of Select Agents and Toxins (OMB Control No. 0920-0576, Exp. 1/31/2024)—Revision—Office of Readiness and Response (ORR), Centers for Disease Control and Prevention (CDC)

### Background and Brief Description

Subtitle A of the *Public Health Security and Bioterrorism Preparedness and Response Act of 2002*, (42 U.S.C. 262a), requires the United States Department of Health and Human Services (HHS) to regulate the possession, use, and transfer of biological agents or toxins that have the potential to pose a severe threat to public health and safety (select agents and toxins). Subtitle B of the *Public Health Security and Bioterrorism Preparedness and Response Act of 2002* (which may be cited as the *Agricultural Bioterrorism Protection Act of 2002*), (7 U.S.C. 8401), requires the United States Department of Agriculture (USDA) to regulate the possession, use, and transfer of biological agents or toxins