

document for non-public responses to unsolicited requests).

2. Representatives who provide public responses to unsolicited requests for off-label information should clearly disclose their involvement with a particular firm.

3. Public responses to public unsolicited requests for off-label information should not be promotional in nature or tone and should include a mechanism for providing readily accessible FDA-required labeling, if any,

for the product (e.g., FDA-approved package insert and, if the response is for a consumer, FDA-approved patient labeling or, for new animal drugs, FDA-approved client information sheet).

FDA estimates that approximately 400 firms respond annually to approximately 40,000 non-public unsolicited requests for off-label information made directly and privately to them as well as to public unsolicited requests for off-label information, including those that firms may

encounter on emerging electronic media. FDA estimates that it will take firms approximately 4 hours to provide responses to each unsolicited request for off-label information as recommended in the draft guidance.

FDA also estimates that approximately 40,000 records will be maintained for all responses to non-public and public unsolicited requests for off-label information, and that each record will take approximately 15 minutes to prepare and maintain.

TABLE 1—ESTIMATED ANNUAL REPORTING BURDEN ¹

Draft guidance on responding to unsolicited requests for off-label information	Number of respondents	Number of responses per respondent	Total annual responses	Average burden per response	Total hours
Responses to non-public and public unsolicited requests	400	100	40,000	4	160,000

¹ There are no capital costs or operating and maintenance costs associated with this collection of information.

TABLE 2—ESTIMATED ANNUAL RECORDKEEPING BURDEN ¹

Draft guidance on responding to unsolicited requests for off-label information	Number of recordkeepers	Number of records per recordkeeper	Total annual records	Average burden per recordkeeping	Total hours
Records related to responses to non-public and public unsolicited requests	400	100	40,000	.25	10,000

¹ There are no capital costs or operating and maintenance costs associated with this collection of information.

III. Comments

Interested persons can submit to the Division of Dockets Management (see **ADDRESSES**) either electronic or written comments regarding this document. It is only necessary to send one set of comments. It is no longer necessary to send two copies of mailed comments. Identify comments with the docket number found in brackets in the heading of this document. Received comments may be seen in the Division of Dockets Management between 9 a.m. and 4 p.m., Monday through Friday.

IV. Electronic Access

Persons with access to the Internet may obtain the document at either

- <http://www.fda.gov/Drugs/GuidanceComplianceRegulatoryInformation/Guidances/default.htm>,
- <http://www.fda.gov/BiologicsBloodVaccines/GuidanceComplianceRegulatoryInformation/default.htm>,
- <http://www.fda.gov/AnimalVeterinary/GuidanceComplianceEnforcement/GuidanceforIndustry/default.htm>,
- <http://www.fda.gov/MedicalDevices/DeviceRegulationandGuidance/GuidanceDocuments/default.htm>, or
- <http://www.regulations.gov>.

Dated: December 27, 2011.

Leslie Kux,
Acting Assistant Commissioner for Policy.
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DEPARTMENT OF HEALTH AND HUMAN SERVICES

Food and Drug Administration

[Docket No. FDA-2011-D-0872]

Draft Guidance for Industry on Use of Histology in Biomarker Qualification Studies; Availability

AGENCY: Food and Drug Administration, HHS.

ACTION: Notice.

SUMMARY: The Food and Drug Administration (FDA) is announcing the availability of a draft guidance for industry entitled “Use of Histology in Biomarker Qualification Studies.” This guidance is intended to assist sponsors that conduct biomarker qualification studies for which histology is a reference standard. This guidance discusses the processes that should be considered to ensure the quality and integrity of histology data in biomarker studies, and outlines the scientific standards for histology used in

biomarker characterization and qualification. The recommendations in this guidance are intended for studies in biomarker qualification designated to justify the proposed context of use, where scientifically rigorous evaluation of biomarker performance in relation to histologic changes is essential. The principles outlined in this guidance are also applicable to exploratory biomarker studies.

DATES: Although you can comment on any guidance at any time (see 21 CFR 10.115(g)(5)), to ensure that the Agency considers your comment on this draft guidance before it begins work on the final version of the guidance, submit either electronic or written comments on the draft guidance by March 29, 2012.

Submit either electronic or written comments concerning the proposed collection of information by February 28, 2012.

ADDRESSES: Submit written requests for single copies of the draft guidance to the Division of Drug Information, Center for Drug Evaluation and Research, Food and Drug Administration, 10903 New Hampshire Ave., Bldg. 51, rm. 2201, Silver Spring, MD 20993-0002. Send one self-addressed adhesive label to assist that office in processing your requests. See the **SUPPLEMENTARY**

INFORMATION section for electronic access to the draft guidance document.

Submit electronic comments on the draft guidance to <http://www.regulations.gov>. Submit written comments to the Division of Dockets Management (HFA-305), Food and Drug Administration, 5630 Fishers Lane, rm. 1061, Rockville, MD 20852.

FOR FURTHER INFORMATION CONTACT:

Elizabeth Hausner, Center for Drug Evaluation and Research, Food and Drug Administration, 10903 New Hampshire Ave., Bldg. 22, rm. 4145, Silver Spring, MD 20993-0002, (301) 796-1084.

SUPPLEMENTARY INFORMATION:

I. Background

FDA is announcing the availability of a draft guidance for industry entitled "Use of Histology in Biomarker Qualification Studies." The discovery, characterization, qualification, and implementation of biomarkers have been identified by the FDA Critical Path Initiative as an important means for improving the efficiency and success rate of medical product development. Biomarkers have been broadly applied to describe the following:

- Structural features from the molecular to the anatomic level (*e.g.*, genetic composition, receptor expression patterns, radiographic appearances);
- Biochemical measurements (*e.g.*, serum levels of electrolytes, enzyme activity levels, prostate-specific antigen);
- Physiologic organ system function (*e.g.*, creatinine clearance, pulmonary function tests, cardiac ejection fraction, electrocardiography).

The studies to be submitted in support of a biomarker qualification will depend upon the proposed context of use and the ultimate goal of the submission. If a biomarker becomes qualified, analytically valid measurements of it can be relied upon to have a specific and interpretable meaning (*e.g.*, physiologic, toxicologic, pharmacologic, or clinical) in drug development and regulatory decisionmaking. Industry can then employ the biomarker for the qualified context of use during premarketing drug development, and FDA reviewers can be confident about the qualified context of use without the need to reconfirm its applicability or utility. Accordingly, biomarker qualification studies are held to the same Good Laboratory Practice standards as are other premarketing studies.

Traditionally, histology has been used to identify morphologic changes in the

context of nonclinical safety assessment, clinical diagnosis, and evaluation of response to therapy. There is a strong correlation between specific histology findings, clinical outcomes, and some clinical chemistry parameters. Because of this history, histology is currently used in biomarker qualification as a reference standard to evaluate the sensitivity and specificity of potential biomarkers and their ability to indicate temporal correlation with the evolution and reversibility of morphologic changes. Because of the many variations in the practice of histology, this guidance is offered to facilitate quality, consistency, and scientific rigor in biomarker qualification studies where histology is used as a reference standard.

Although great benefit may accrue from use of a qualified biomarker, a poorly characterized biomarker can do considerable harm. A poorly characterized biomarker may lead to inappropriate removal of a drug from development, encourage development of a drug that is unlikely to be approved, or lead to an erroneous perception of safety. Thus, for biomarkers to achieve the desired goal, the science that identifies, characterizes, and informs the biomarker use should be unbiased and of the highest quality.

This draft guidance is being issued consistent with FDA's good guidance practices regulation (21 CFR 10.115). The draft guidance, when finalized, will represent the Agency's current thinking on the use of histology in biomarker qualification studies. It does not create or confer any rights for or on any person and does not operate to bind FDA or the public. An alternative approach may be used if such approach satisfies the requirements of the applicable statutes and regulations.

II. Comments

Interested persons may submit to the Division of Dockets Management (see **ADDRESSES**) either electronic or written comments regarding this document. It is only necessary to send one set of comments. It is no longer necessary to send two copies of mailed comments. Identify comments with the docket number found in brackets in the heading of this document. Received comments may be seen in the Division of Dockets Management between 9 a.m. and 4 p.m., Monday through Friday.

III. Paperwork Reduction Act of 1995

Under the Paperwork Reduction Act of 1995 (the PRA) (44 U.S.C. 3501-3520), Federal Agencies must obtain approval from the Office of Management and Budget (OMB) for each collection of

information that they conduct or sponsor. "Collection of information" is defined in 44 U.S.C. 3502(3) and 5 CFR 1320.3(c) and includes Agency requests or requirements that members of the public submit reports, keep records, or provide information to a third party. Section 3506(c)(2)(A) of the PRA (44 U.S.C. 3506(c)(2)(A)), requires Federal Agencies to provide a 60-day notice in the **Federal Register** for each proposed collection of information before submitting the collection to OMB for approval. To comply with this requirement, FDA is publishing this notice of the proposed collection of information set forth in this document.

With respect to the collection of information associated with this draft guidance, FDA invites comments on the following topics: (1) Whether the proposed information collected is necessary for the proper performance of FDA's functions, including whether the information will have practical utility; (2) the accuracy of FDA's estimated burden of the proposed information collected, including the validity of the methodology and assumptions used; (3) ways to enhance the quality, utility, and clarity of the information collected; and (4) ways to minimize the burden of information collected on the respondents, including through the use of automated collection techniques, when appropriate, and other forms of information technology.

This draft guidance refers to previously approved collections of information found in FDA regulations. Sections II, IV, V, and VI of the guidance request that certain information be submitted to FDA and certain records be maintained by the sponsor. We may request this information under 21 CFR 58.81, 58.120, 58.185, 312.23, and 312.53. The collections of information for 21 CFR parts 58 and 312 have been approved under OMB control numbers 0910-0119 and 0910-0014, respectively.

The draft guidance discusses certain information that should be described in the standard operating procedures (SOPs) and recommends that sponsors document and maintain records of the SOPs. In addition to the SOPs already covered by previously approved collections of information, the draft guidance recommends that two new procedures be included in the SOPs. The new procedures that require OMB approval for the collection of information are as follows: (1) Procedures for describing and documenting the type and extent of background lesions and (2) a detailed description of the pathology peer review process, including how disagreements among reviewers will be adjudicated.

Based on FDA's data on the number of sponsors that would be covered by the draft guidance, we estimate that approximately 180 SOPs related to

histologic evaluation will include the new procedures, and that sponsors will need approximately 30 minutes to

document, maintain, and update their SOPs with the new procedures.

FDA estimates the burden of this collection of information as follows:

TABLE 1—ESTIMATED RECORDKEEPING BURDEN¹

	Number of record-keepers	Number of records per recordkeeper	Total annual records	Average burden per recordkeeping (in hours)	Total hours
SOP New Procedures	30	6	180	0.5	90
Total	90

¹ There are no capital costs or operating and maintenance costs associated with this information collection.

IV. Electronic Access

Persons with access to the Internet may obtain the document at either <http://www.fda.gov/Drugs/GuidanceComplianceRegulatoryInformation/Guidances/default.htm> or <http://www.regulations.gov>.

Dated: December 22, 2011.

Leslie Kux,

Acting Assistant Commissioner for Policy.

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

Food and Drug Administration

[Docket No. FDA-2008-D-0659]

Guidance for Industry: Current Good Tissue Practice and Additional Requirements for Manufacturers of Human Cells, Tissues, and Cellular and Tissue-Based Products; Availability

AGENCY: Food and Drug Administration, HHS.

ACTION: Notice.

SUMMARY: The Food and Drug Administration (FDA) is announcing the availability of a document entitled "Guidance for Industry: Current Good Tissue Practice (CGTP) and Additional Requirements for Manufacturers of Human Cells, Tissues, and Cellular and Tissue-Based Products (HCT/Ps)" dated December 2011. The guidance document provides recommendations to establishments for complying with CGTP and additional requirements for manufacturers of HCT/Ps. The guidance is intended for any HCT/P establishment that performs a manufacturing step and is responsible for complying with CGTP requirements. The guidance also addresses whether the establishment registration and HCT/P listing requirements apply in certain instances. The guidance announced in

this notice finalizes the draft guidance of the same title dated January 2009.

DATES: Submit either electronic or written comments on Agency guidances at any time.

ADDRESSES: Submit written requests for single copies of the guidance to the Office of Communication, Outreach and Development (HFM-40), Center for Biologics Evaluation and Research (CBER), Food and Drug Administration, 1401 Rockville Pike, suite 200N, Rockville, MD 20852-1448. Send one self-addressed adhesive label to assist that office in processing your requests. The guidance may also be obtained by mail by calling CBER at 1-(800) 835-4709 or (301) 827-1800. See the **SUPPLEMENTARY INFORMATION** section for electronic access to the guidance document.

Submit electronic comments on the guidance to <http://www.regulations.gov>. Submit written comments to the Division of Dockets Management (HFA-305), Food and Drug Administration, 5630 Fishers Lane, rm. 1061, Rockville, MD 20852.

FOR FURTHER INFORMATION CONTACT: Lori Jo Churchyard, Center for Biologics Evaluation and Research (HFM-17), Food and Drug Administration, 1401 Rockville Pike, suite 200N, Rockville, MD 20852-1448, (301) 827-6210.

SUPPLEMENTARY INFORMATION:

I. Background

FDA is announcing the availability of a document entitled "Guidance for Industry: Current Good Tissue Practice (CGTP) and Additional Requirements for Manufacturers of Human Cells, Tissues, and Cellular and Tissue-Based Products (HCT/Ps)" dated December 2011. The guidance provides recommendations for complying with the CGTP requirements under part 1271 (21 CFR part 1271), subpart D, and additional requirements for manufacturers of HCT/Ps under part 1271, subpart E. The guidance is intended for any HCT/P establishment

that performs a manufacturing step and is responsible for complying with CGTP requirements. However, at this time, part 1271, subpart D (with the exceptions of §§ 1271.150(c) and 1271.155) and subpart E do not apply to reproductive HCT/P establishments regulated solely under section 361 of the Public Health Service Act (42 U.S.C. 264) (the PHS Act). In consideration of the input FDA received from stakeholders, this guidance provides recommendations for establishments that manufacture HCT/Ps that meet the criteria listed in § 1271.10 and are regulated solely under section 361 of the PHS Act and the regulations in part 1271. CGTP requirements also apply to HCT/Ps regulated as drugs, devices, and/or biological products under section 351 of the PHS Act (42 U.S.C. 262) and/or the Federal Food, Drug, and Cosmetic Act (see § 1271.1(b)(2)). The guidance also addresses whether the establishment registration and HCT/P listing requirements under part 1271, subparts A and B, apply in certain instances.

In the **Federal Register** of January 16, 2009 (74 FR 3055), FDA announced the availability of the draft guidance of the same title dated January 2009. FDA received numerous comments on the draft guidance, and those comments were considered as the guidance was finalized. In addition, editorial changes were made to improve clarity. The guidance announced in this notice finalizes the draft guidance dated January 2009.

The guidance is being issued consistent with FDA's good guidance practices regulation (21 CFR 10.115). The guidance represents FDA's current thinking on this topic. It does not create or confer any rights for or on any person and does not operate to bind FDA or the public. An alternative approach may be used if such approach satisfies the requirements of the applicable statutes and regulations.