



NDA 020451/S-023

**SUPPLEMENT APPROVAL**

Pinnacle Biologics, Inc.  
Attention: Guillermo A. Herrera  
Chairman and Chief Executive Officer  
2801 Lakeside Drive, Suite 209  
Bannockburn, IL 60015

Dear Mr. Herrera:

Please refer to your Supplemental New Drug Application (sNDA) dated December 17, 2010, received December 17, 2010, submitted under section 505(b) of the Federal Food, Drug, and Cosmetic Act (FDCA) for Photofrin (porfimer sodium) for Injection, 75 mg.

This "Prior Approval" supplemental new drug application revises the WARNINGS AND PRECAUTIONS subsections (5.1, 5.2, 5.5, 5.8, 5.9) for brevity and clarify, includes a new subsection 5.11 "Thromboembolism," creates a new subsection 6.3 "Postmarketing Experience," in the ADVERSE REACTIONS section of the package insert, and updates distribution information at the end of the package insert.

We acknowledge receipt of your amendments dated December 21, 2010, January 26, 2011, April 8, 2011, April 29, 2011, May 22, 2011, June 16, 2011, and June 21, 2011. We also acknowledge receipt of your electronic mail (email) dated June 23, 2011 which contains the final draft label.

We have completed our review of this supplemental application, as amended. It is approved, effective on the date of this letter, for use as recommended in the enclosed, agreed-upon labeling text.

**CONTENT OF LABELING**

As soon as possible, but no later than 14 days from the date of this letter, submit the content of labeling [21 CFR 314.50(1)] in structured product labeling (SPL) format using the FDA automated drug registration and listing system (eLIST), as described at <http://www.fda.gov/ForIndustry/DataStandards/StructuredProductLabeling/default.htm>. Content of labeling must be identical to the enclosed labeling (text for the package insert), with the addition of any labeling changes in pending "Changes Being Effected" (CBE) supplements, as well as annual reportable changes not included in the enclosed labeling.

Information on submitting SPL files using eLIST may be found in the guidance for industry titled "SPL Standard for Content of Labeling Technical Qs and As" at

<http://www.fda.gov/downloads/DrugsGuidanceComplianceRegulatoryInformation/Guidances/UCM072392.pdf>.

The SPL will be accessible from publicly available labeling repositories.

Also within 14 days, amend all pending supplemental applications for this NDA, including CBE supplements for which FDA has not yet issued an action letter, with the content of labeling [21 CFR 314.50(l)(1)(i)] in MS Word format, that includes the changes approved in this supplemental application, as well as annual reportable changes and annotate each change. To facilitate review of your submission, provide a highlighted or marked-up copy that shows all changes, as well as a clean Microsoft Word version. The marked-up copy should provide appropriate annotations, including supplement number(s) and annual report date(s).

All promotional materials that include representations about your drug product must be promptly revised to be consistent with the labeling changes approved in this supplement, including any new safety information [21 CFR 314.70(a)(4)]. The revisions in your promotional materials should include prominent disclosure of the important new safety information that appears in the revised package labeling. Within 7 days of receipt of this letter, submit your statement of intent to comply with 21 CFR 314.70(a)(4) to the address above or by fax to 301-847-8444.

### **REPORTING REQUIREMENTS**

We remind you that you must comply with reporting requirements for an approved NDA (21 CFR 314.80 and 314.81).

If you have any questions, call Erik S. Laughner, M.S., RAC (US), Regulatory Project Manager, at (301) 796-1393.

Sincerely,

*{See appended electronic signature page}*

Jeff Summers, M.D.  
Deputy Director for Safety  
Division of Biologic Oncology Products  
Office of Oncology Drug Products  
Center for Drug Evaluation and Research

ENCLOSURE:  
Content of Labeling

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**This is a representation of an electronic record that was signed electronically and this page is the manifestation of the electronic signature.**  
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/s/  
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JEFFERY L SUMMERS  
06/24/2011