

# CENTER FOR DRUG EVALUATION AND RESEARCH

## Approval Package for:

*APPLICATION NUMBER:*  
208562Orig1s000

*Trade Name:* (no tradename)

*Generic or Proper Name:* Voriconazole for Injection

*Sponsor:* Xellia Pharmaceuticals ApS

*Approval Date:* March 9, 2017

*Indication:* For the treatment of:

1. Invasive aspergillosis
2. Candidemia in non-neutropenic patients and the following *Candida* infections:  
disseminated infections in skin and infections in abdomen, kidney, bladder wall, and wounds
3. Serious fungal infections caused by *Scedosporium apiospermum* (Asexual Form of *Pseudallescheria boydii*) and *Fusarium* spp. including *Fusarium solani*, in patients intolerant of, or refractory to, other therapy.

# CENTER FOR DRUG EVALUATION AND RESEARCH

## 208562Orig1s000

### CONTENTS

#### Reviews / Information Included in this NDA Review.

|   |          |
|---|----------|
| <b>Approval Letter</b>                                  | <b>X</b> |
| <b>Other Action Letters</b>                             | <b>X</b> |
| <b>Labeling</b>   | <b>X</b> |
| <b>REMS</b>   |          |
| <b>Summary Review</b>                                   | <b>X</b> |
| <b>Officer/Employee List</b>                            | <b>X</b> |
| <b>Office Director Memo</b>                             |          |
| <b>Cross Discipline Team Leader Review</b>              | <b>X</b> |
| <b>Medical Review(s)</b>                                | <b>X</b> |
| <b>Chemistry Review(s)</b>                              | <b>X</b> |
| <b>Environmental Assessment</b>                         |          |
| <b>Pharmacology Review(s)</b>                           | <b>X</b> |
| <b>Statistical Review(s)</b>                            | <b>X</b> |
| <b>Microbiology Review(s)</b>                           | <b>X</b> |
| <b>Clinical Pharmacology/Biopharmaceutics Review(s)</b> | <b>X</b> |
| <b>Other Reviews</b>                                    | <b>X</b> |
| <b>Risk Assessment and Risk Mitigation Review(s)</b>    |          |
| <b>Proprietary Name Review(s)</b>                       |          |
| <b>Administrative/Correspondence Document(s)</b>        | <b>X</b> |

**CENTER FOR DRUG EVALUATION AND  
RESEARCH**

*APPLICATION NUMBER:*

**208562Orig1s000**

**APPROVAL LETTER**



NDA 208562

**NDA APPROVAL**

Xellia Pharmaceuticals ApS  
c/o Xellia Pharmaceuticals USA, LLC  
Attention: Edward Eichmann  
US Regulatory Affairs Director  
8900 Capital Boulevard  
Raleigh, NC 27616

Dear Mr. Eichmann:

Please refer to your New Drug Application (NDA) dated July 24, 2015, received July 24, 2015, and your amendments, submitted pursuant to section 505(b)(2) of the Federal Food, Drug, and Cosmetic Act (FDCA) for Voriconazole for Injection, 200 mg/vial.

We acknowledge receipt of your amendment dated January 9, 2017, which constituted a complete response to our May 24, 2016, action letter. This new drug application provides for the use of Voriconazole for Injection for the treatment of:

- (1) Invasive aspergillosis
- (2) Candidemia in non-neutropenic patients and the following candida infections: disseminated infections in skin and infections in abdomen, kidney, bladder wall, and wounds
- (3) Serious fungal infections caused by *Scedosporium apiospermum* (Asexual form of *Pseudallescheria boydii*) and *Fusarium* spp. Including *Fusarium solani*, in patients intolerant of, or refractory to, other therapy.

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

**WAIVER OF HIGHLIGHTS SECTION**

We are waiving the requirements of 21 CFR 201.57(d)(8) regarding the length of Highlights of prescribing information. This waiver applies to all future supplements containing revised labeling unless we notify you otherwise.

## **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(l)] 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). Information on submitting SPL files using eLIST may be found in the guidance for industry SPL Standard for Content of Labeling Technical Qs and As, available at <http://www.fda.gov/downloads/Drugs/GuidanceComplianceRegulatoryInformation/Guidances/UCM072392.pdf>.

The SPL will be accessible via publicly available labeling repositories.

## **CARTON AND IMMEDIATE CONTAINER LABELS**

Submit final printed carton and immediate container labels that are identical to the enclosed carton and immediate container labels, as soon as they are available, but no more than 30 days after they are printed. Please submit these labels electronically according to the guidance for industry *Providing Regulatory Submissions in Electronic Format – Certain Human Pharmaceutical Product Applications and Related Submissions Using the eCTD Specifications (May 2015, Revision 3)*. Alternatively, you may submit 12 paper copies, with 6 of the copies individually mounted on heavy-weight paper or similar material. For administrative purposes, designate this submission “**Final Printed Carton and Container Labels for approved NDA 208562.**” Approval of this submission by FDA is not required before the labeling is used.

## **PROPRIETARY NAME**

If you intend to have a proprietary name for this product, the name and its use in the labels must conform to the specifications under 21 CFR 201.10 and 201.15. We recommend that you submit a request for a proposed proprietary name review. (See the guidance for industry *Contents of a Complete Submission for the Evaluation of Proprietary Names*, available at <http://www.fda.gov/downloads/Drugs/GuidanceComplianceRegulatoryInformation/Guidances/ucm075068.pdf> and “PDUFA Reauthorization Performance Goals and Procedures Fiscal Years 2008 through 2012”.)

## **REQUIRED PEDIATRIC ASSESSMENTS**

Under the Pediatric Research Equity Act (PREA) (21 U.S.C. 355c), all applications for new active ingredients, new indications, new dosage forms, new dosing regimens, or new routes of administration are required to contain an assessment of the safety and effectiveness of the product for the claimed indication(s) in pediatric patients unless this requirement is waived, deferred, or inapplicable.

Because none of these criteria apply to your application, you are exempt from this requirement.

## **PROMOTIONAL MATERIALS**

You may request advisory comments on proposed introductory advertising and promotional labeling. To do so, submit, in triplicate, a cover letter requesting advisory comments, the proposed materials in draft or mock-up form with annotated references, and the package insert, Medication Guide, and patient PI (as applicable) to:

OPDP Regulatory Project Manager  
Food and Drug Administration  
Center for Drug Evaluation and Research  
Office of Prescription Drug Promotion  
5901-B Ammendale Road  
Beltsville, MD 20705-1266

Alternatively, you may submit a request for advisory comments electronically in eCTD format. For more information about submitting promotional materials in eCTD format, see the draft Guidance for Industry (available at: <http://www.fda.gov/downloads/Drugs/GuidanceComplianceRegulatoryInformation/Guidances/UCM443702.pdf> ).

As required under 21 CFR 314.81(b)(3)(i), you must submit final promotional materials, and the package insert, at the time of initial dissemination or publication, accompanied by a Form FDA 2253. Form FDA 2253 is available at <http://www.fda.gov/downloads/AboutFDA/ReportsManualsForms/Forms/UCM083570.pdf>. Information and Instructions for completing the form can be found at <http://www.fda.gov/downloads/AboutFDA/ReportsManualsForms/Forms/UCM375154.pdf>. For more information about submission of promotional materials to the Office of Prescription Drug Promotion (OPDP), see <http://www.fda.gov/AboutFDA/CentersOffices/CDER/ucm090142.htm>.

## **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 Naseya Minor, Regulatory Project Manager, at (301) 796-0756.

Sincerely,

*{See appended electronic signature page}*

Sumathi Nambiar, MD, MPH  
Director  
Division of Anti-Infective Products  
Office of Antimicrobial Products  
Center for Drug Evaluation and Research

Enclosure(s):

Content of Labeling  
Carton and Container Labeling

-----  
**This is a representation of an electronic record that was signed electronically and this page is the manifestation of the electronic signature.**  
-----

/s/  
-----

SUMATHI NAMBIAR  
03/09/2017