



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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| <b>(51) International Patent Classification <sup>6</sup> :</b><br><b>A61K 38/17</b>  | <b>A3</b> | <b>(11) International Publication Number:</b> <b>WO 98/06415</b><br><b>(43) International Publication Date:</b> 19 February 1998 (19.02.98)   |
| <b>(21) International Application Number:</b> PCT/US97/13810<br><b>(22) International Filing Date:</b> 7 August 1997 (07.08.97)<br><b>(30) Priority Data:</b><br>08/694,843      9 August 1996 (09.08.96)      US<br><b>(71) Applicant:</b> XOMA CORPORATION [US/US]; 2910 Seventh Street, Berkeley, CA 94710-2737 (US).<br><b>(72) Inventor:</b> LAMBERT, Lewis, H., Jr.; 45928 Omega Drive, Fremont, CA 94539 (US).<br><b>(74) Agent:</b> BORUN, Michael, F.; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 S. Wacker Drive, Chicago, IL 60606-6402 (US). |           | <b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).<br><br><b>Published</b><br><i>With international search report.</i><br><i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i><br><br><b>(88) Date of publication of the international search report:</b><br>14 May 1998 (14.05.98) |
| <b>(54) Title:</b> ANTI-CHLAMYDIAL METHODS AND MATERIALS<br><br><b>(57) Abstract</b><br><br>The present invention relates to methods for treating chlamydial infection comprising administering to a subject suffering from a chlamydial infection a bactericidal/permeability-inducing (BPI) protein product.   |           |   |

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# INTERNATIONAL SEARCH REPORT

Internat I Application No  
PCT/US 97/13810

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 6 A61K38/17

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 6 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| X,P        | L. LAMBERT ET AL.: "SUSCEPTIBILITY OF CHLAMYDIA TRACHOMATIS TO RECOMBINANT BACTERICIDAL/PERMEABILITY INCREASING PROTEIN (RBPI21)."<br>ABSTRACTS OF THE 36TH INTERSCIENCE CONFERENCE ON ANTIMICROBIAL AGENTS AND CHEMOTHERAPY,<br>15 - 18 September 1996,<br>page 141 XP002058449<br>see paragraph F239 | 1-11                  |
| X          | ---<br>WO 89 01486 A (UNIV NEW YORK) 23 February 1989<br>cited in the application<br>see page 6, line 4 - page 12, line 8<br>---<br>-/--   | 1                     |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search

10 March 1998

Date of mailing of the international search report

25. 03. 1998

Name and mailing address of the ISA

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# INTERNATIONAL SEARCH REPORT

Internal Application No  
PCT/US 97/13810

| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |   |                       |
|--|---|-----------------------|
| Category   | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
| X  | WO 96 01647 A (XOMA CORP) 25 January 1996<br>cited in the application<br>see page 11, line 5 - page 18, line 2<br>---   | 1                     |
| X  | R.D. INMAN ET AL.: "COMPARATIVE<br>MICROBICIDAL ACTIVITY OF SYNOVIAL FLUID ON<br>ARTHRITOGENIC ORGANISMS."<br>CLIN. EXP. IMMUNOL.,<br>vol. 104, no. 1, April 1996,<br>pages 80-85, XP002058450<br>see the whole document<br>--- | 1                     |
| A  | WO 95 24209 A (XOMA CORP ;AMMONS WILLIAM<br>STEVE (US); LITTLE ROGER G (US)) 14<br>September 1995<br>cited in the application<br>---  |                       |
| A  | WO 96 21436 A (XOMA CORP) 18 July 1996<br>cited in the application<br>-----   |                       |

# INTERNATIONAL SEARCH REPORT

Inte. .onal application No.  
PCT/US 97/13810

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such  
an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all  
searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment  
of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report  
covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is  
restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

Claims Nos.: 1-9

because they relate to subject matter not required to be searched by this Authority, namely:

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy

Remark : Although claims 1-9 are directed to a method of treatment of the human/animal body , the search has been carried out and based on the alleged effects of the compound/composition.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

Internal I Application No

PCT/US 97/13810

| Patent document<br>cited in search report | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
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|   |                     | JP 9510217 T               | 14-10-97            |
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