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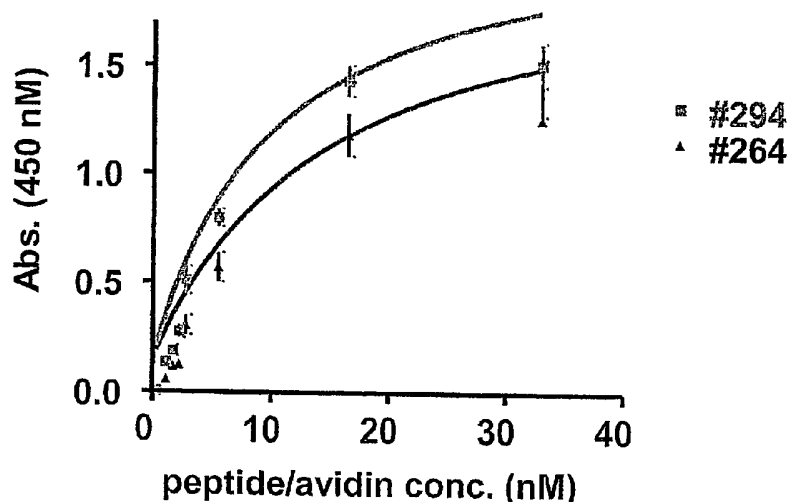
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[Continued on next page]

(54) Title: KDR AND VEGF/KDR BINDING PEPTIDES



(57) Abstract: The present invention provides, inter alia, peptides, peptide dimer, and multimeric complexes comprising at least one binding moiety for KDR or VEGF/KDR complex, which have a variety of uses wherever treating, detecting, isolating or localizing angiogenesis is advantageous. Particularly disclosed are synthetic, isolated polypeptides capable of binding KDR or VEGF/KDR complex with high affinity (e.g., having a $K_D < 1 \mu M$), and dimer and multimeric constructs comprising these polypeptides.

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INTERNATIONAL SEARCH REPORT

Inte at application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. C07K7/06 G01N33/574 G01N33/60 G01N33/58

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)
G01N C07K

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)
EPO-Internal, Sequence Search, CHEM ABS Data, WPI Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/074005 A (DYAX CORP; BRACCO INTERNATIONAL B.V; SATO, AARON, K; SEXTON, DANIEL, J) 12 September 2003 (2003-09-12) claims page 1 - page 91 examples	1-26
X	WO 2004/064595 A (BRACCO INTERNATIONAL BV; DYAX CORPORATION; ARBOGAST, CHRISTOPHE; BUSSA) 5 August 2004 (2004-08-05) see in particular SEQ ID No.: 5 the whole document	1-26

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier document but published on or after the international filing date	"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
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 9 May 2006	Date of mailing of the international search report 13/06/2006
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Döpfer, K-P
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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2005/032740

(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/065621 A (DYAX CORP; BRACCO INTERNATIONAL B.V; SATO, AARON, K; SEXTON, DANIEL, J) 5 August 2004 (2004-08-05) see in particular SEQ ID No: 88 (Table2) and sequences comprising said sequence (e.g. Fig. 8; SEQ ID Nos.: 294, 368 to 372); SEQ ID No.: 89 (Table 2) comprises an alteration of SEQ ID No.: 88 the whole document -----	1-26
X	WO 2004/001064 A (DYAX CORPORATION; SATO, AARON, K; EDGE, ALBERT) 31 December 2003 (2003-12-31) see SEQ ID No: 2;claims -----	1-14
X	WO 03/084574 A (BRACCO INTERNATIONAL BV; DYAX CORP; ARBOGAST, CHRISTOPHE; BUSSAT, PHIL) 16 October 2003 (2003-10-16) the whole document -----	1-26

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2005/032740

Box II Observations where certain claims were found unsearchable (Continuation of item 2 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 III Observations where unity of invention is lacking (Continuation of item 3 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

Continuation of Box II.1

Although claims 16, 17, 25 are directed to a diagnostic method practised on the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

Although claims 18-20 and 26 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.

Continuation of Box II.1

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

Rule 39.1(iv) PCT - Diagnostic method practised on the human or animal body

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/US2005/032740

Patent document cited in search report	A	Publication date		Patent family member(s)	Publication date
WO 03074005	A	12-09-2003		AU 2003213730 A1	16-09-2003
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