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Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 02 79 5910 shall be considered, for the purposes of subsequent proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
D,A	STOLZ A ET AL: "CDNA CLONING AND EXPRESSION OF THE HUMAN HEPATIC BILE ACID-BINDING PROTEIN A MEMBER OF THE MONOMERIC REDUCTASE GENE FAMILY" JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BIRMINGHAM,, US, vol. 268, no. 14, 15 May 1993 (1993-05-15), pages 10448-10457, XP000196660 ISSN: 0021-9258 * figure 3 *	1-12, 16-27, 32-51	C07H21/04 C12Q1/68 A61K39/42 A61K39/395
A	US 6 001 353 A (GIBORI ET AL) 14 December 1999 (1999-12-14) * example 5; sequence 1 * ----- -/--	1-12, 16-27, 32-51	
			TECHNICAL FIELDS SEARCHED (IPC)
			C12Q
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
INCOMPLETE SEARCH			
The Search Division considers that the present application, or some or all of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following claims: Claims searched completely : Claims searched incompletely : Claims not searched : Reason for the limitation of the search: see sheet C			
Place of search Munich		Date of completion of the search 22 February 2006	Examiner Lanzrein, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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EPO FORM 1503 06.02 (P04C20)



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	WO 01/79223 A (GENAISSANCE PHARMACEUTICALS, INC; CHOI, JULIE, Y; NANDABALAN, KRISHNAN) 25 October 2001 (2001-10-25) * page 2, last paragraph - page 3, paragraph 1 *	1-12, 16-27, 32-51	
A	WO 97/11162 A (ENDORECHERCHE INC; LABRIE, FERNAND; LUU-THE, VAN) 27 March 1997 (1997-03-27) * sequences 1, 2 *	1-12, 16-27, 32-51	
			TECHNICAL FIELDS SEARCHED (IPC)



Although claims 1-12, 15-27 are directed to a method of treatment of the human/animal body (Article 52(4) EPC), the search has been carried out and based on the alleged effects of the compound/composition.

Claim(s) searched incompletely:
13-16, 28-31, 52

Reason for the limitation of the search:

Claims 28-31, 52 refer to medical treatment with "agents" selected by a screening method involving the AKR1C polypeptide.
Claims 13-16 also refer to a treatment with the said "agents", whereby the treatment is for testing purposes.
However, neither the claims nor the description are giving a true technical characterization of the said "agents". Moreover, no such compounds are disclosed in the application as filed. As a consequence, the scope of said claims is unclear and the subject-matter is not sufficiently disclosed and supported (Art. 83/84 EPC). Therefore, no meaningful search can be carried out for these purely speculative claims (Rule 45 EPC).

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 79 5910

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

22-02-2006

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6001353 A	14-12-1999	NONE	

WO 0179223 A	25-10-2001	AU 5533001 A	30-10-2001

WO 9711162 A	27-03-1997	AU 6867896 A	09-04-1997
		CA 2232500 A1	27-03-1997
		EP 0856048 A1	05-08-1998
		JP 11511329 T	05-10-1999
		NZ 316441 A	28-02-2000
		US 6124115 A	26-09-2000
		ZA 9607920 A	19-03-1998

专利名称(译)	用于诊断和治疗糖尿病，胰岛素抗性和血脂异常的组合物和方法		
公开(公告)号	EP1465911A4	公开(公告)日	2006-04-19
申请号	EP2002795910	申请日	2002-12-16
[标]申请(专利权)人(译)	麦它波莱克斯股份有限公司		
申请(专利权)人(译)	METABOLEX INC.		
当前申请(专利权)人(译)	METABOLEX INC.		
[标]发明人	WATERS STEVE MOODIE SHONNA LAVAN BRIAN GUSTAFSON THOMAS A		
发明人	WATERS, STEVE MOODIE, SHONNA LAVAN, BRIAN GUSTAFSON, THOMAS, A.		
IPC分类号	G01N33/50 A61K45/00 A61P3/10 C12N15/09 C12Q1/02 C12Q1/26 C12Q1/68 G01N33/15 G01N33/53 G01N33/566 G01N33/68 G01N33/88 C07H21/04 A61K39/395 A61K39/42		
CPC分类号	C12Q1/26 G01N33/6893 G01N33/88 G01N2500/00 G01N2500/02 G01N2800/042		
优先权	60/341451 2001-12-17 US		
其他公开文献	EP1465911B1 EP1465911A2		
外部链接	Espacenet		

摘要(译)

本发明提供了用于诊断和治疗糖尿病，胰岛素抵抗和血脂异常的组合物和方法。特别地，本发明提供了鉴定AKR1C调节剂的方法以及通过测量患者中AKR1C或 9α ， 11β -PGF 2α 水平来诊断糖尿病的方法。

DOCUMENTS CONSIDERED TO BE RELEVANT			
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D, A	STOLZ A ET AL: "CDNA CLONING AND EXPRESSION OF THE HUMAN HEPATIC BILE ACID-BINDING PROTEIN A MEMBER OF THE MONOMERIC REDUCTASE GENE FAMILY" JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOCHEMICAL BIOLOGISTS, BIRMINGHAM, US, vol. 268, no. 14, 15 May 1993 (1993-05-15), pages 10448-10457, XP00196669 ISSN: 0621-9258 * FIGURE 3 *	1-12, 16-27, 32-51	C07H21/04 C12Q1/68 A61K39/42 A61K39/395
A	US 6 001 353 A (GIBORI ET AL) 14 December 1999 (1999-12-14) * example 5; sequence 1 * ----- -----	1-12, 16-27, 32-51	
<p>The supplementary search report has been based on the last set of claims valid and available for filing of the patent.</p> <p>INCOMPLETE SEARCH</p> <p>The Search Division considers that the present application, or some or all of its claims, do(es) not comply with the EPC to such an extent that a meaningful report into the state of the art cannot be searched, or can only be carried out partially, for the following reasons:</p> <p>Claims searched completely:</p> <p>Claims searched incompletely:</p> <p>Claims not searched:</p> <p>Reason for the limitation of the search: see sheet C</p>			
Place of search Munich		Date of completion of the search 22 February 2006	Examiner Lanzrein, M
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X: particularly relevant to the invention Y: document of the same category A: technological background O: non-written document P: intermediate document</p> <p>I: priority to another country/region B: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons & : member of the same patent family, corresponding document</p>			