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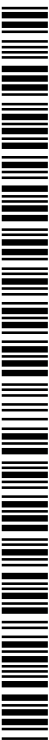
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- (71) Applicant (for all designated States except US): **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
- (72) Inventors; and
- (71) Applicants (for US only): **ZECRI, Frédéric** [FR/US]; Novartis Institutes for BioMedical Research, Inc., 100 Technology Square, Cambridge, Massachusetts 02139 (US). **YASOSHIMA, Kayo** [JP/US]; Novartis Institutes for BioMedical Research, Inc., 100 Technology Square, Cambridge, Massachusetts 02139 (US). **GROSCHE, Philipp** [DE/CH]; Novartis Pharma AG, Postfach, CH-4002 Basel (CH). **YUAN, Jun** [US/US]; Novartis Institutes for BioMedical Research, Inc., 400 Technology Square, Cambridge, Massachusetts 02139 (US). **ZHAO, Hongjuan** [US/US]; Novartis Institutes for BioMedical Research, Inc., 250 Massachusetts Avenue, Cambridge, Massachusetts 02139 (US).
- (74) Common Representative: **NOVARTIS AG**; Lichtstrasse 35, CH-4056 Basel (CH).
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(57) Abstract: The invention relates to novel compositions comprising modified apelin-13 peptide sequences designed to treat cardiovascular disease in subjects to whom they are administered, and which exhibit greater resistance to degradation, and equivalent or greater bioactivity than their wild type counterparts. The invention also relates to methods of making said compositions and using said compositions as pharmaceutically active agents to treat cardiovascular disease.



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INTERNATIONAL SEARCH REPORT

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PCT/US2013/070742A. CLASSIFICATION OF SUBJECT MATTER
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ADD.

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)
A61K 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 practicable, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ALEXANDRE MURZA ET AL: "Elucidation of the Structure-Activity Relationships of Apelin: Influence of Unnatural Amino Acids on Binding, Signaling, and Plasma Stability", CHEMMEDCHEM, vol. 7, no. 2, 6 February 2012 (2012-02-06), pages 318-325, XP055072892, ISSN: 1860-7179, DOI: 10.1002/cmdc.201100492 the whole document	1-32
A	WO 2010/053545 A2 (ANCHOR THERAPEUTICS INC [US]; JANZ JAY [US]; KULIOPULOS ATHAN [US]; MC) 14 May 2010 (2010-05-14) the whole document ----- -/-	1-32



Further documents are listed in the continuation of Box C.



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"&" document member of the same patent family

Date of the actual completion of the international search

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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,
Fax: (+31-70) 340-3016

Authorized officer

Weber, Peter

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SIDOROVA M V ET AL: "Synthesis and cardioprotective properties of apelin-12 and its structural analogues", RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY, M A I K NAUKA - INTERPERIODICA, RU, vol. 38, no. 1, 1 January 2012 (2012-01-01), pages 40-51, XP002706051, ISSN: 1068-1620, DOI: 10.1134/S1068162012010177 the whole document	1-32
A	KLEINZ M J ET AL: "Emerging roles of apelin in biology and medicine", PHARMACOLOGY AND THERAPEUTICS, ELSEVIER, GB, vol. 107, no. 2, 1 August 2005 (2005-08-01), pages 198-211, XP027636214, ISSN: 0163-7258 [retrieved on 2005-08-01] the whole document	1-32

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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