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European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR,
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[Continued on next page]

(54) Title: MYOSTATIN IMMUNOCONJUGATE AND ITS USE FOR IMMUNISATION

GDF-8

DNA SEQUENCE

GATTTTGGCCTTGACTGCGACGAGCACTCAACGGAATCTCGATGTTGTCGCTA
 CCCGCTGACAGTGGATTTTGAAGCTTTTGGATGGGACTGGATTATAGCACCTA
 AAAGATACAAAGCCAATTACTGCTCTGGAGAATGTGAATTCGTATTTCTACA
 GAAATACCCGCACACTCACCTGGTACACCAAGCAAATCCAAGAGGCTCAGCA
 GGCCCTTGCTGCACACCCACCAAGATGTCCCCTATAAACATGCTGTATTTCAA
 TGGAAAAGAACAATAATATATGGAAAGATACCAGCCATGGTTGTAGATCGT
 TGCGGGTGCTCATGAGAC

SEQ ID NO: 1

PROTEIN SEQUENCE

DFGLDCDEHSTESRCCRYPLTVDFEAFGWDWIIAPKRYKANYCSGECEVFVLQK
 YPHTHLVHQANPRGSAGPCCTPTLMSPINMLYFNGKEQIIYGKIPAMVVDRCGCS

SEQ ID NO: 2

(57) Abstract: A method to alter the phenotype of animals, e.g., avians, which employs passive and active immunization with a myostatin immunoconjugate, is provided.



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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 02/21862

A. CLASSIFICATION OF SUBJECT MATTER
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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 7 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)
EPO-Internal, WPI Data, EMBASE, BIOSIS, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 333 706 A (MERCK & CO INC) 4 August 1999 (1999-08-04) page 3 -page 6	9-28
X	WO 99 42573 A (BIOSTAR INC) 26 August 1999 (1999-08-26) page 30	1-8
P, X	WO 01 05820 A (KLYSNER STEEN ;HALKIER TORBEN (DK); M & E BIOTECH AS (DK); MOURITS) 25 January 2001 (2001-01-25) page 28	1-8
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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 - *O* document referring to an oral disclosure, use, exhibition or other means
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 - * & * document member of the same patent family

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International Application No
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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	MCPHERRON ET AL: "Regulation of skeletal muscle mass in mice by a new TGF-beta superfamily member" NATURE, MACMILLAN JOURNALS LTD. LONDON, GB, vol. 387, 1 May 1997 (1997-05-01), pages 83-90, XP002085797 ISSN: 0028-0836 the whole document -----	1-28

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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			TR 200200133 T2 21-05-2002
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