

Title (en)

PERIODONTAL AND BONE REGENERATION FACTOR, MATERIALS AND METHODS

Publication

EP 0413794 A4 19920226 (EN)

Application

EP 90904015 A 19900222

Priority

US 31449789 A 19890223

Abstract (en)

[origin: WO9010017A1] An isolated periodontal ligament cell-attractant factor (PDL-CTX), useful for periodontal or bone regeneration comprises a protein obtainable from periodontal ligament cells, said factor having chemoattractant activity to periodontal ligament (PDL-) cells. The factor may be combined with polypeptide growth factors in compositions and kits. Methods of periodontal regeneration include use of the PDL-CTX factor, use of PDL cells selected for enhanced chemotactic response to the PDL-CTX factor, and/or use of a cell-selective artificial basement membrane.

IPC 1-7

C07K 13/00; **A61K 37/00**; **C12Q 1/02**; **A61M 31/00**; **A61J 7/00**

IPC 8 full level

A61K 38/00 (2006.01); **A61P 1/02** (2006.01); **A61P 43/00** (2006.01); **C07K 14/00** (2006.01); **C07K 14/005** (2006.01); **C07K 14/195** (2006.01); **C07K 14/495** (2006.01); **C07K 14/51** (2006.01); **C07K 14/52** (2006.01); **C12P 21/00** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)

A61P 1/02 (2017.12); **A61P 43/00** (2017.12); **C07K 14/51** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)

- [Y] EP 0105014 A2 19840404 - US HEALTH [US]
- [X] JOURNAL OF DENTAL RESEARCH, vol. 67, special issue, 9th - 13th March 1988, Montreal PO, page 186, abstract no. 584, Washington, D.C., US; V. P. TERRANOVA et al.: "Periodontal ligament cells synthesize an autocrine chemotactic and mitogenic factor"
- See references of WO 9010017A1

Designated contracting state (EPC)

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WO 9010017 A1 19900907; AU 4610993 A 19931202; AU 5197790 A 19900926; CA 2027583 A1 19900824; EP 0413794 A1 19910227; EP 0413794 A4 19920226; JP H03505218 A 19911114

DOCDB simple family (application)

US 9001025 W 19900222; AU 4610993 A 19930903; AU 5197790 A 19900222; CA 2027583 A 19900222; EP 90904015 A 19900222; JP 50443190 A 19900222