

Title (en)  
MODULATION OF OVULATION

Title (de)  
MODULATION DER OVULATION

Title (fr)  
MODULATION DE L'OVULATION

Publication  
**EP 1819722 A4 20090909 (EN)**

Application  
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- NZ 54117005 A 20050708

Abstract (en)  
[origin: WO2006059913A1] The present invention is directed to the identification of a novel domain of functional significance on the GDF-9 and GDF-9B molecules and to peptides and antibodies which interact with the domain to modulate the biological activity of these molecules to alter mammalian ovarian function and ovulation rate.

IPC 8 full level  
**A61K 38/10** (2006.01); **A61K 39/395** (2006.01); **A61P 15/08** (2006.01); **C07K 7/08** (2006.01); **C07K 14/475** (2006.01); **C07K 14/495** (2006.01); **C07K 14/51** (2006.01); **C07K 16/22** (2006.01)

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Citation (search report)  

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- [X] WO 9917797 A1 19990415 - UNIV JOHNS HOPKINS MED [US]
- [X] JUENGEL J L ET AL: "Growth differentiation factor 9 and bone morphogenetic protein 15 are essential for ovarian follicular development in sheep", BIOLOGY OF REPRODUCTION, SOCIETY FOR THE STUDY OF REPRODUCTION, CHAMPAIGN, IL, US, vol. 67, 4 October 2002 (2002-10-04), pages 1777 - 1789, XP002999768, ISSN: 0006-3363
- [T] MCNATTY KP ET AL: "The Effects of Immunizing Sheep with Different BMP15 or GDF9 Peptide Sequences on Ovarian Follicular Activity and Ovulation Rate", BIOLOGY OF REPRODUCTION, vol. 76, 8 November 2006 (2006-11-08), pages 552 - 560, XP002538978, DOI: 10.1095/biolreprod.106.054361
- See references of WO 2006059913A1

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**NZ 2005000313 W 20051202**; AU 2005310356 A 20051202; BR PI0518809 A 20051202; CA 2589898 A 20051202; EP 05823157 A 20051202; JP 2007544297 A 20051202