

Title (en)  
CO-EXPRESSION OF HETEROMERIC RECEPTORS

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Application  
**EP 90909432 A 19900515**

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Abstract (en)  
[origin: WO9014443A1] The invention provides a composition of matter comprising a plurality of procaryotic cells containing diverse combinations of first and second DNA sequences encoding first and second polypeptides that can be expressed and which form heteromeric receptors and at least one of the plurality of procaryotic cells expressing heteromer exhibiting binding activity towards a preselected molecule.

IPC 1-7  
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IPC 8 full level  
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Citation (search report)  
• [Y] WO 8809344 A1 19881201 - CREATIVE BIOMOLECULES INC [US]  
• [Y] WO 8806630 A1 19880907 - GENEX CORP [US]  
• [Y] WO 8901526 A1 19890223 - GENELABS INC [US]  
• [Y] PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA. vol. 10, 15 May 1989, WASHINGTON US pages 3833 - 3837; Orlandi, R. et al.: 'Cloning Immunoglobulin variable domains for expression by the polymerase chain reaction.'  
• [Y] BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS. vol. 3, 15 May 1989, DULUTH, MINNESOTA US pages 1250 - 1256; Larrick, J.W. et al.: 'Rapid cloning of rearranged Immunoglobulin genes from human hybridoma cells using mixed primers and the polymerase chain reaction.'  
• [XP] SCIENCE. vol. 246, 8 December 1989, LANCASTER, PA US pages 1275 - 1281; Huse, W.D. et al.: 'Generation of a large combinatorial library of the Immunoglobulin repertoire in Phage lambda.'  
• [XP] PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA. vol. 86, August 1989, WASHINGTON US pages 5728 - 5732; Sastry, L. et al.: 'Cloning of the immunological repertoire in Escherichia coli for generation of monoclonal catalytic antibodies : construction of a heavy chain variable region-specific cDNA library'  
• See references of WO 9014443A1

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AT BE CH DE DK ES FR GB IT LI LU NL SE

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