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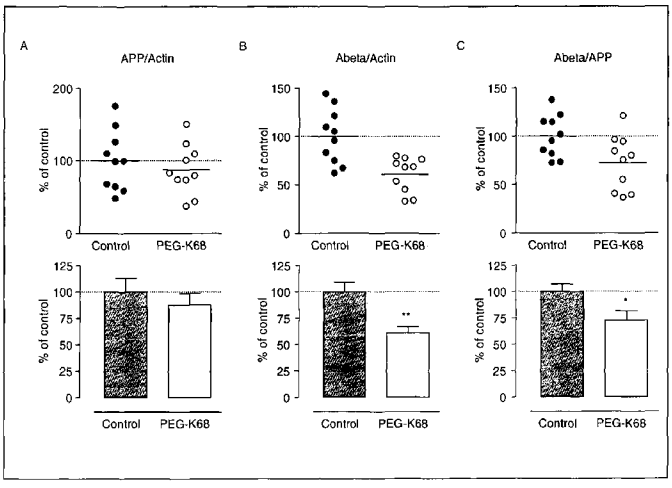
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(54) Title: METHOD FOR THE PRODUCTION OF CONJUGATES OF INSULIN-LIKE GROWTH FACTOR-I AND POLY(ETHYLENE GLYCOL)



(57) Abstract: Method for the production of a lysine-PEGylated IGF-I or IGF-I variant, said variant comprising one or two amino acid(s) selected from the group consisting of lysine 27, 65 and/or 68 substituted independently by another polar amino acid, characterized in cultivating a prokaryotic host cell comprising an expression vector containing a nucleic acid encoding a fusion protein comprising said IGF-I or IGF-I variant N-terminally linked to the C-terminus of a propeptide, that said propeptide ends C-terminally with amino acids -Y-Pro, wherein Y is selected from the group consisting of Pro, Pro-Ala, Pro-Gly, Pro-Thr, Ala-Pro, Gly-Pro, Thr-Pro, Arg-Pro, or Pro-Arg-Pro, recovering and PEGylating said fusion protein, cleaving said PEGylated fusion protein with IgA protease, and recovering said PEGylated IGF-I or IGF-I variant. The PEGylated IGF-I or IGF-I variant is useful for the treatment of neurodegenerative disorders like Alzheimer's Disease.

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