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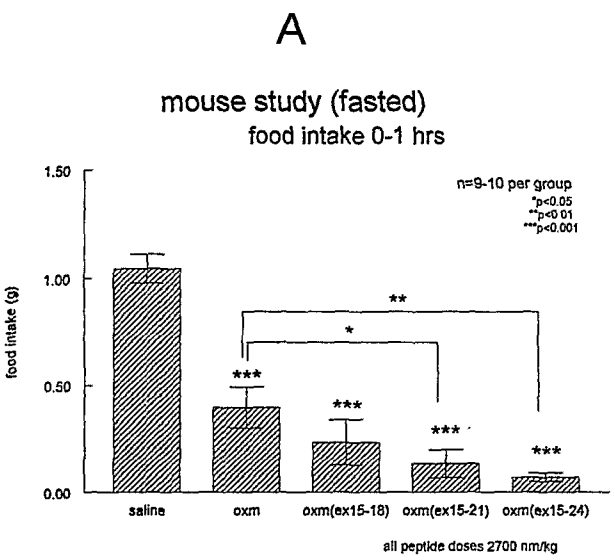
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(54) Title: OXYNTOMODULIN ANALOGUES AND THEIR EFFECTS ON FEEDING BEHAVIOUR



(57) Abstract: Compounds of the invention are novel peptide analogues of oxyntomodulin (oxm) in which one or more amino acids of the oxm sequence have been changed. Changing amino acids 15 - 24 of oxm to either amino acids 968 - 977 of the α-latrotoxin peptide (and variations thereof) or amino acids 15 -24 of exendin-4 (and variations thereof), or combinations of sequences from these sources, and/or changing amino acids 27 - 33 of oxm to amino acids 27 - 33 of exendin-4, and/or the addition of amino acids to the C-terminus of the peptide, results in a series of analogues of oxm that demonstrate the oxm like activity of reducing food intake, and with certain embodiments a greater ability to decrease food intake.

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