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(54) **Title:** PEPTIDES AND PEPTIDE DERIVATIVES AS WELL AS PHARMACEUTICAL COMPOSITIONS CONTAINING THE SAME

(57) **Abstract:** Peptides and peptide derivatives of the following general Formula (I): H_2N-GHRP$X_1X_2X_3X_4X_5X_6X_7X_8$P$X_9X_{10}X_{11}$PX_{12}PPP$X_{13}X_{14}X_{15}X_{16}$GYR-X_{17} (I), wherein: X_1-X_{16} denote one of the 20 genetically encoded amino acids, X_{17} denotes OR_1, with R_1 = hydrogen or (C_1-C_{10}-alkyl), or NR_2R_3, R_2 and R_3 being identical or different and denoting hydrogen, (C_1-C_{10})-alkyl, or a residue -$PEG_{5\text{-}60K}$, wherein the PEG-residue is linked to the N atom via a spacer, or a residue NH-Y-Z-$PEG_{5\text{-}60K}$, wherein Y denotes a chemical bond or a genetically coded amino acid from among the group of S, C, K or R, and Z denotes a spacer by way of which a polyethylene glycol (PEG)-residue may be linked, as well as the physiologically acceptable salts thereof, or wherein: X_{15} or X_{16} denotes an amino acid from the group of C or K, which is linked to a residue Z-$PEG_{5\text{-}60K}$ via the heteroatom in the side chain, and wherein X_{17} denotes OR_1, with R_1 = hydrogen or (C_1-C_{10}-alkyl), or NR_2R_3, R_2 and R_3 being identical or different and denoting hydrogen or (C_1-C_{10})-alkyl, as well as the physiologically acceptable salts thereof.

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