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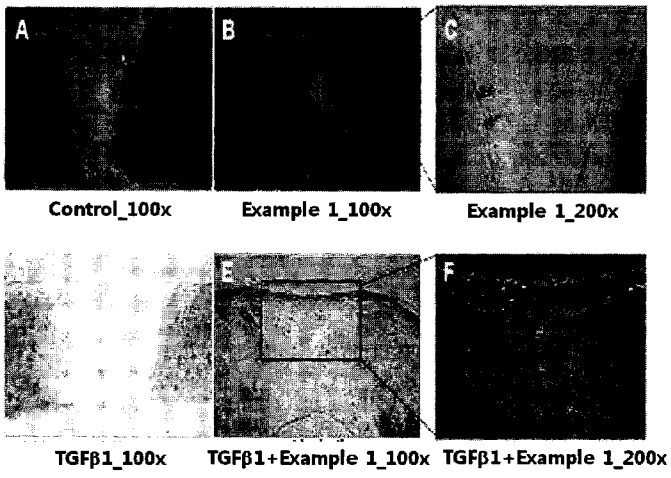
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(54) Title: NOVEL PEPTIDE AND USE THEREOF

【Figure 4】



(57) Abstract: The present invention provides a peptide represented by formula (I) of X_1-Leu-X_2-Leu-X_3 wherein X_1 represents Glu or Asp, X_2 represents His, Lys or Arg, X_3 represents Asp or Glu, with Glu, Asp, Leu, His, Lys and Arg being respectively glutamic acid, aspartic acid, leucine, histidine, lysine and arginine; or a pharmaceutically acceptable salt thereof; a composition for the treatment or prevention of at least one selected from cartilage damage and arthritis, containing the same peptide or a pharmaceutically acceptable salt thereof as an active ingredient; and a composition containing the same peptide or a pharmaceutically acceptable salt thereof and TGFβ1. The above-mentioned peptide or a pharmaceutically acceptable salt thereof is effective for the treatment and/or prevention of cartilage damage and/or arthritis and is capable of exhibiting effects of the regeneration of cartilage tissue, the inhibition of the expression of cartilage tissue matrix degrading enzyme and/or the inhibition of cartilage tissue ossification.

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