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(54) Title: FUSION PROTEINS RELEASING RELAXIN AND USES THEREOF

(57) Abstract: The present invention provides Relaxin fusion proteins, wherein a linker connects the carboxy-terminus of Relaxin with a proteinaceous half-life extending moiety and the linker comprises a protease cleavage site. Therefore, the invention provides Relaxin fusion polypeptides with extended half-life whereby the fusion protein by itself serves as a depot for release of the biologically active Relaxin. Furthermore, the invention provides nucleic acid sequences encoding the foregoing fusion polypeptides, vectors containing the same, cells expressing the Relaxin fusion polypeptides, pharmaceutical compositions and medical use of such fusion polypeptides.

