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(54) Title: PEPTIDES DERIVED FROM HUMAN BPLP PROTEIN, POLYNUCLEOTIDES CODING FOR SAID PEPTIDES AND ANTIBODIES DIRECTED AGAINST SAID PEPTIDES

(57) Abstract: The invention relates to a peptide that is a maturation product of the Basic Prolin-rich Lacrinal Protein (BPLP) or a peptide derivative or a mimetic of said maturation product, wherein the peptide or peptide derivative or mimetic exhibits an inhibitory property against a metallo-ectopeptidase, especially NEP and/or APN. The present invention also relates to polynucleotides coding for said peptides and to antibodies directed against said peptides. Furthermore, the present invention relates to diagnostic and therapeutic uses of human BPLP protein and inhibitory peptides derived therefrom, polypeptides coding for human BPLP protein or peptides derived therefrom as well as antibodies directed against BPLP protein or peptides derived therefrom.