

CLAIMS

- [Claim 1] A peptide having the amino acid sequence shown in any one of SEQ ID NOs: 1 to 399 and 403, or a derivative thereof, a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein the derivative is a modified peptide obtained by addition of a modifying group or a mutant peptide obtained by altering an amino acid residue, the derivative having an activity of stimulating migration of bone marrow-derived cells or hematopoietic stem cells.
- [Claim 2] A peptide having the amino acid sequence shown in any one of SEQ ID NOs: 1 to 5, 126, 128, 129, 138, 167, 248, 254, 280, 282, 283, 292 and 403, or a derivative thereof, a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein the derivative is a modified peptide obtained by addition of a modifying group or a mutant peptide obtained by altering an amino acid residue, the derivative having and has an activity of stimulating migration of bone marrow-derived cells or hematopoietic stem cells.
- [Claim 3] A peptide having the amino acid sequence shown in any one of SEQ ID NOs: 1 to 5, 167 and 403, or a derivative thereof, a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein the derivative is a modified peptide obtained by addition of a modifying group or a mutant peptide obtained by altering an amino acid residue, the derivative having and has an activity of stimulating migration of bone marrow-derived cells or hematopoietic stem cells.
- [Claim 4] A peptide having the amino acid sequence shown in any one of

SEQ ID NOs: 1 to 5 and 403, or
a derivative thereof, a pharmaceutically acceptable salt thereof, or a solvate thereof, wherein the derivative is a modified peptide obtained by addition of a modifying group or a mutant peptide obtained by altering an amino acid residue, the derivative having an activity of stimulating migration of bone marrow-derived cells or hematopoietic stem cells.

[Claim 5] A composition for use in stimulation of migration of PDGFR α -positive cells, comprising a peptide, a derivative thereof, a pharmaceutically acceptable salt thereof, or a solvate thereof as defined in any one of the claims 1 to 4.

[Claim 6] A composition for use in recruitment of bone marrow mesenchymal stem cells from bone marrow to peripheral blood, comprising a peptide, a derivative thereof, a pharmaceutically acceptable salt thereof, or a solvate thereof as defined in any one of the claims 1 to 4.

[Claim 7] A composition for use in regeneration of tissues, comprising a peptide, a derivative thereof, a pharmaceutically acceptable salt thereof, or a solvate thereof as defined in any one of the claims 1 to 4.

[Claim 8] A composition for use in stimulation of migration of bone marrow-derived stromal cells, comprising a peptide, a derivative thereof, a pharmaceutically acceptable salt thereof, or a solvate thereof as defined in any one of the claims 1 to 4.