CLAIMS

1. A peptide ligand specific for MT1-MMP comprising a polypeptide comprising at least three cysteine residues, separated by at least two loop sequences, and a molecular scaffold which forms covalent bonds with the cysteine residues of the polypeptide such that at least two polypeptide loops are formed on the molecular scaffold, ~~characterised in that~~ wherein said molecular scaffold is 1,1',1''-(1,3,5-triazinane-1,3,5-triyl)triprop-2-en-1-one (TATA), characterised in that said peptide ligand comprises an amino acid sequence selected from:

CEESFYPECDHC (SEQ ID NO: 1);
CPDLCLDLFPNC (SEQ ID NO: 2);~~,~~
CPELCVDLYPHC (SEQ ID NO: 3);
CHPEWVSCEFHC (SEQ ID NO: 4);
CSHECALLFPKTC (SEQ ID NO: 5);
CFDECQLLFPKTC (SEQ ID NO: 6);
CLDECKLLFPKTC (SEQ ID NO: 7);
CREECMLLFPKTC (SEQ ID NO: 8);
CETECALLFPRSC (SEQ ID NO: 9);
CADECRLLFPKTC (SEQ ID NO: 10);
CDVECRLLFPRSC (SEQ ID NO: 11);
CIDECRLLFPRSC (SEQ ID NO: 12);
CVRECALLFPKTC (SEQ ID NO: 13);
CV[HArg]ECALLFPKTC (SEQ ID NO: 14);
CVRECALLFPRTC (SEQ ID NO: 15);
CVRECALLFP[HArg]TC (SEQ ID NO: 16);
CV[HArg]ECALLFP[HArg]TC (SEQ ID NO: 17);
CV[HArg]ECALLFPATC (SEQ ID NO: 18);
CVAECALLFP[HArg]TC (SEQ ID NO: 19);
CVTECQLLFPKTC (SEQ ID NO: 20);
CRHECELLFPKTC (SEQ ID NO: 21);
CQRECALLFPKTC (SEQ ID NO: 22);
CVRECTLLFPKTC (SEQ ID NO: 23);
CTIECALLFPKTC (SEQ ID NO: 24);
CARECALLFPKTC (SEQ ID NO: 25);
CINECRLLFPKTC (SEQ ID NO: 26);
CYTECSLLFPKTC (SEQ ID NO: 27);
CHEECRLLFPKTC (SEQ ID NO: 28);

CLEECKLLFPKTC (SEQ ID NO: 29);
CIDECALLFPRTC (SEQ ID NO: 30);
CYEECRLLFPRTC (SEQ ID NO: 31);
CVRECRLLFPKTC (SEQ ID NO: 32);
CHIECALLFPKTC (SEQ ID NO: 33);
CKRECMLLFPKTC (SEQ ID NO: 34);
CYRECALLFPKTC (SEQ ID NO: 35);
CLTECALLFPKTC (SEQ ID NO: 36);
CEVECRLLFPKTC (SEQ ID NO: 37);
CEAECRLLFPKTC (SEQ ID NO: 38);
CVQECALLFPKTC (SEQ ID NO: 39);
CIRECSLLFPKTC (SEQ ID NO: 40);
CVTECALLFPKTC (SEQ ID NO: 41);
CVAECKLLFPKTC (SEQ ID NO: 42);
CVGECALLFPKTC (SEQ ID NO: 43);
CVVECALLFPKTC (SEQ ID NO: 44);
CVFECALLFPKTC (SEQ ID NO: 45);
CA[HArg]ECALLFP[HArg]TC (SEQ ID NO: 46);
CV[HArg]ECALLFA[HArg]TC (SEQ ID NO: 47);
CV[HArg]ECALLFP[HArg]AC (SEQ ID NO: 48);
CV[HArg]ECALL[1Nal]P[HArg]TC (SEQ ID NO: 49);
CV[HArg]ECALL[Cha]P[HArg]TC (SEQ ID NO: 50);
CV[HArg]ECALLF[Pip][HArg]TC (SEQ ID NO: 51);
CV[HArg]ECALLFP[HArg]SC (SEQ ID NO: 52);
CV[HArg]ECALLFP[HArg][HSer]C (SEQ ID NO: 53);
CV[HArg]ECALLF[HyP][HArg]TC (SEQ ID NO: 54);
CV[HArg]EC[Aib]LLFP[HArg]TC (SEQ ID NO: 55);
CV[HArg]ECAL[Nle]FP[HArg]TC (SEQ ID NO: 56);
CV[HArg]ECA[tBuAla]LFP[HArg]TC (SEQ ID NO: 57);
CV[HArg]ECA[Nle]LFP[HArg]TC (SEQ ID NO: 58);
CV[Aad2]ECALLFP[HArg]TC (SEQ ID NO: 59);
CP[HArg]ECALLFP[HArg]TC (SEQ ID NO: 60);
CV[HArg]ECALL[4FlPhe]P[HArg]TC (SEQ NO: 61);
CV[HArg]ECAL[tBuGly]FP[HArg]TC (SEQ ID NO: 62);
CV[HArg]ECAL[Cha]FP[HArg]TC (SEQ ID NO: 63);
CV[HArg]ECALL[2Nal]P[HArg]TC (SEQ ID NO: 64);

CV[HArg]ECALLFP[HArg][HyV]C (SEQ ID NO: 65);

C[tBuGly][HArg]ECALLFP[HArg]TC (SEQ ID NO: 66);

CVEECALLFP[HArg]TC (SEQ ID NO: 67);

CV[HArg]ECA[Cpa]LFP[HArg]TC (SEQ ID NO: 68);

CV[HArg]ECA[Cba]LFP[HArg]TC (SEQ ID NO: 69);

CV[HArg]ECA[C5A]LFP[HArg]TC (SEQ ID NO: 70);

CV[HArg]ECA[Cha]LFP[HArg]TC (SEQ ID NO: 71);

CV[HArg]ECA[tBuGly]LFP[HArg]TC (SEQ ID NO: 72);

CV[HArg]ECALLF[Cis-HyP][HArg]TC (SEQ ID NO: 73);

CV[HArg]ECAL[Cpa]FP[HArg]TC (SEQ ID NO: 74);

CV[HArg]ECAL[C5A]FP[HArg]TC (SEQ ID NO: 75);

CV[HArg]ECA[tBuAla]LF[HyP][HArg]TC (SEQ ID NO: 76);

CV[HArg]ECA[tBuAla][tBuGly]F[HyP][HArg]TC (SEQ ID NO: 77);

C[tBuGly][HArg]ECA[tBuAla]LFP[HArg]TC (SEQ ID NO: 78);

CSSWDKLMCHPYC (SEQ ID NO: 79);

CPEECFYLPPHPMSC (SEQ ID NO: 80);

CPQECFYLPGHSLYC (SEQ ID NO: 81);

CPGECFYPPGHPLAC (SEQ ID NO: 82);

CPGECFYPTNHPLYC (SEQ ID NO: 83);

CPQECFYPIGHPLAC (SEQ ID NO: 84);

CPEECFYPPGHKLHC (SEQ ID NO: 85);

CPQECFYPPGHRLRC (SEQ ID NO: 86);

CPQECFYPPGHPYHC (SEQ ID NO: 87);

CPQECFYPSTHPLYC (SEQ ID NO: 88);

CPGECFYPSNHRLYC (SEQ ID NO: 89);

CPDECFYPPEHPLAC (SEQ ID NO: 90);

CPGECFYPPGHHLSC (SEQ ID NO: 91);

CPGECFYPPGHHLGC (SEQ ID NO: 92);

CPEECFYPPNHPLYC (SEQ ID NO: 93);

CPGECFYPPDHPLYC (SEQ ID NO: 94);

CPGECFYPPGHPLYC (SEQ ID NO: 95);

CPGECFYPPNHPFYC (SEQ ID NO: 96);

CPGECFYPPNHPLYC (SEQ ID NO: 97);

CPEECFYPPGHPLAC (SEQ ID NO: 98);

CWMECFYPPGHPLAC (SEQ ID NO: 99);

CFEECFYPPGHPLAC (SEQ ID NO: 100);

CPGECFYPPGHPLRC (SEQ ID NO: 101);
CPGECFYPPGHPREC (SEQ ID NO: 102);
CPGECFYPPGHRFHC (SEQ ID NO: 103);
CPGECFYPPGHRLYC (SEQ ID NO: 104);
CEEEFYPCGHPLYVC (SEQ ID NO: 105);
CEEQFYPCTHALYTC (SEQ ID NO: 106);
CVEEFYPCDHPLYSC (SEQ ID NO: 107);
CEEEFYPCGHPMHPC (SEQ ID NO: 108);
CDEQFYPCHHRLYSC (SEQ ID NO: 109);
CEEEFYPCGHPFHPC (SEQ ID NO: 110);
CLEQFYPCEHPLFSC (SEQ ID NO: 111);
CVEQFYPCGHRHYIC (SEQ ID NO: 112);
CEEQFYPCSHPLYTC (SEQ ID NO: 113);
CEEQFYPCNHPLNVC (SEQ ID NO: 114);
CEEEFYPCSHPLNPC (SEQ ID NO: 115);
CEEQFYPCGHKLSPC (SEQ ID NO: 116);
CPEQFYPCDHRLYIC (SEQ ID NO: 117);
CQEQFYPCNHPLSPC (SEQ ID NO: 118);
CDEQFYPCNHRLNTC (SEQ ID NO: 119);
CEEAFYPCHHPLYRC (SEQ ID NO: 120);
CDEDFYPCGHYLNQC (SEQ ID NO: 121);
CEEQFYPCTHPLYVC (SEQ ID NO: 122);
CPEQFYPCTHRLYQC (SEQ ID NO: 123);
CEEQFYPCSHPLYRC (SEQ ID NO: 124);
CAEQFYPCDHPLYRC (SEQ ID NO: 125);
CAEEFYPCDHPLYRC (SEQ ID NO: 126);
CEEAFYPCNHPLYTC (SEQ ID NO: 127);
CAEAFYPCDHPLYVC (SEQ ID NO: 128);
CEEAFYPCSHPLFIC (SEQ ID NO: 129);
CEEAFYPCSHPLHPC (SEQ ID NO: 130);
CEEAFYPCSHPLFVC (SEQ ID NO: 131);
CEEQFYPCSHPLYSC (SEQ ID NO: 132);
CEEAFYPCEHPLYMC (SEQ ID NO: 133);
CEEQFYPCNHPLYMC (SEQ ID NO: 134);
CLEQFYPCGDPRLC (SEQ ID NO: 135);
CEEQFYPCGHHLLC (SEQ ID NO: 136);

CLEPDECFYPMEC (SEQ ID NO: 137);

CKEPQECFYPLKC (SEQ ID NO: 138); and

CDSPEECFYPLEC (SEQ ID NO: 139);

wherein Aad represents alpha-L-aminoadipic acid, Aib represents aminoisobutyric acid, C5a represents beta-cyclopentyl-L-alanine, Cba represents β-cyclobutylalanine, Cha represents 3-cyclohexyl-L-alanine, Cpa represents beta-cyclopropyl-L-alanine, 4FlPhe represents 4-fluoro-L-phenylalanine, HArg represents homoarginine, HyP represents hydroxyproline, HyV represents 3-hydroxy-L-valine, HSer represents homoserine, 1Nal represents 1-naphthylalanine, 2Nal represents 2-naphthylalanine, Nle represents norleucine, Pip represents pipecolic acid, tBuAla represents t-butyl-alanine, tBuGly represents t-butyl-glycine.

2. The peptide ligand as defined in claim 1, wherein the peptide ligand comprises an amino acid sequence which is CV[HArg]ECALLFP[HArg]TC (SEQ ID NO: 17).

3. The peptide ligand as defined in claim 1, wherein the peptide ligand comprises an amino acid sequence selected from:

A-(SEQ ID NO: 1)-A (herein referred to as 17-108-02);

A-(SEQ ID NO: 2)-A (herein referred to as 17-111-01);

A-(SEQ ID NO: 3)-A (herein referred to as 17-111-02);

A-(SEQ ID NO: 4)-A (herein referred to as 17-116-01);

A-(SEQ ID NO: 5)-A (herein referred to as 17-120-00);

A-(SEQ ID NO: 6)-A (herein referred to as 17-120-01);

A-(SEQ ID NO: 7)-A (herein referred to as 17-120-02);

A-(SEQ ID NO: 8)-A (herein referred to as 17-120-03);

A-(SEQ ID NO: 9)-A (herein referred to as 17-120-04);

A-(SEQ ID NO: 10)-A (herein referred to as 17-120-05);

A-(SEQ ID NO: 11)-A (herein referred to as 17-120-07);

A-(SEQ ID NO: 12)-A (herein referred to as 17-120-08);

APPP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T01);

QISP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T02);

ALPP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T03 and BCY1124);

Ac-ALPP-(SEQ ID NO: 13) (herein referred to as Ac-(17-120-09-T03) and BCY1125);

Sar3-ALPP-(SEQ ID NO: 13) (herein referred to as Sar3-A-(17-120-09-T03));

GPPP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T04);

SPPP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T05);

NPPP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T06);

EPPP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T07);

HPPP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T08);

APNP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T09);

APDP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T10);

APLP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T11);

APAP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T12);

APHP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T13);

Sar3-ALPP-(SEQ ID NO: 14) (herein referred to as Sar3-A-(17-120-09-T03) HArg2);

Sar3-ALPP-(SEQ ID NO: 15) (herein referred to as Sar3-A-(17-120-09-T03) Arg9);

Sar3-ALPP-(SEQ ID NO: 16) (herein referred to as Sar3-A-(17-120-09-T03) HArg9);

(B-Ala)-Sar10-ALPP-(SEQ ID NO: 17) (herein referred to as (B-Ala)-Sar10-A-(17-120-09-T03) HArg2 HArg9);

Ac-(B-Ala)-Sar10-ALPP-(SEQ ID NO: 17) (herein referred to as Ac-(B-Ala)-Sar10-A-(17-120-09-T03) HArg2 HArg9);

ALPP-(SEQ ID NO: 17) (herein referred to as BCY3959);

[Ac]LPP-(SEQ ID NO: 17) (herein referred to as BCY9933);

[Ac]APP-(SEQ ID NO: 17) (herein referred to as BCY9934);

[Ac]LAP-(SEQ ID NO: 17) (herein referred to as BCY9935);

[Ac]LPA-(SEQ ID NO: 17) (herein referred to as BCY9936);

[Ac]-(SEQ ID NO: 17) (herein referred to as BCY9968);

[Ac]LYP-(SEQ ID NO: 17) (herein referred to as BCY11147);

[Ac]LPY-(SEQ ID NO: 17) (herein referred to as BCY11148);

[Ac][dA]PP-(SEQ ID NO: 17) (herein referred to as BCY11165);

[Ac]L[dA]P-(SEQ ID NO: 17) (herein referred to as BCY11166);

[Ac]LP[dA]-(SEQ ID NO: 17) (herein referred to as BCY11167);

ALPP-(SEQ ID NO: 17)-A (herein referred to as BCY10288);

(B-Ala)-Sar10-ALPP-(SEQ ID NO: 17) (herein referred to as (B-Ala)-Sar10-A-(17-120-09-T03) HArg2 HArg9);

(B-Ala)-Sar10-ALPP-(SEQ ID NO: 18) (herein referred to as (B-Ala)-Sar10-A-(17-120-09-T03) HArg2 Ala9);

(B-Ala)-Sar10-ALPP-(SEQ ID NO: 19) (herein referred to as (B-Ala)-Sar10-A-(17-120-09-T03) Ala2 HArg9);

[Ac]LPP-(SEQ ID NO: 19) (herein referred to as BCY9938);

APMP-(SEQ ID NO: 20)-A (herein referred to as 17-120-10-T01);

APSP-(SEQ ID NO: 21)-A (herein referred to as 17-120-11-T01);

AALP-(SEQ ID NO: 22)-A (herein referred to as 17-120-12-T01);

ALDP-(SEQ ID NO: 23)-A (herein referred to as 17-120-13-T01);

ADRP-(SEQ ID NO: 24)-A (herein referred to as 17-120-14-T01);

ATQP-(SEQ ID NO: 25)-A (herein referred to as 17-120-15-T01);

SPPP-(SEQ ID NO: 25)-A (herein referred to as 17-120-15-T02);

ARHP-(SEQ ID NO: 26)-A (herein referred to as 17-120-16-T01);

ALPP-(SEQ ID NO: 27)-A (herein referred to as 17-120-17-T01);

A-(SEQ ID NO: 28)-A (herein referred to as 17-120-18);

A-(SEQ ID NO: 29)-A (herein referred to as 17-120-19);

A-(SEQ ID NO: 30)-A (herein referred to as 17-120-20);

A-(SEQ ID NO: 31)-A (herein referred to as 17-120-21);

APPP-(SEQ ID NO: 31)-A (herein referred to as 17-120-21-T01);

APSP-(SEQ ID NO: 32)-A (herein referred to as 17-120-22-T01);

PLPP-(SEQ ID NO: 32)-A (herein referred to as 17-120-22-T02);

APAP-(SEQ ID NO: 33)-A (herein referred to as 17-120-23-T01);

AVEP-(SEQ ID NO: 34)-A (herein referred to as 17-120-24-T01);

AEPA-(SEQ ID NO: 35)-A (herein referred to as 17-120-25-T01);

ASPP-(SEQ ID NO: 36)-A (herein referred to as 17-120-26-T01);

AAPP-(SEQ ID NO: 37)-A (herein referred to as 17-120-27-T01);

APPP-(SEQ ID NO: 38)-A (herein referred to as 17-120-28-T01);

AVPP-(SEQ ID NO: 39)-A (herein referred to as 17-120-29-T01);

SPPP-(SEQ ID NO: 40)-A (herein referred to as 17-120-30-T01);

HLPP-(SEQ ID NO: 41)-A (herein referred to as 17-120-31-T01);

RLPP-(SEQ ID NO: 41)-A (herein referred to as 17-120-31-T02);

APPP-(SEQ ID NO: 41)-A (herein referred to as 17-120-31-T03);

MPPP-(SEQ ID NO: 42)-A (herein referred to as 17-120-32-T01);

SPPP-(SEQ ID NO: 43)-A (herein referred to as 17-120-33-T01);

APPP-(SEQ ID NO: 44)-A (herein referred to as 17-120-34-T01);

APPP-(SEQ ID NO: 45)-A (herein referred to as17-120-35-T01);

[Ac]LPP-(SEQ ID NO: 46) (herein referred to as BCY9937);

[Ac]LPP-(SEQ ID NO: 47) (herein referred to as BCY9943);

[Ac]LPP-(SEQ ID NO: 48) (herein referred to as BCY9945);

[Ac]LPP-(SEQ ID NO: 49) (herein referred to as BCY9946);

[Ac]LPP-(SEQ ID NO: 50) (herein referred to as BCY9949);

[Ac]LPP-(SEQ ID NO: 51) (herein referred to as BCY9951);

[Ac]LPP-(SEQ ID NO: 52) (herein referred to as BCY9952);

[Ac]LPP-(SEQ ID NO: 53) (herein referred to as BCY9953);
[Ac]LPP-(SEQ ID NO: 54) (herein referred to as BCY9954);
[Ac]LPP-(SEQ ID NO: 55) (herein referred to as BCY9955);
[Ac]LPP-(SEQ ID NO: 56) (herein referred to as BCY9957);
[Ac]LPP-(SEQ ID NO: 57) (herein referred to as BCY9959);
[Ac]LYP-(SEQ ID NO: 57) (herein referred to as BCY12401);
[Ac]EYP-(SEQ ID NO: 57) (herein referred to as BCY12405);
[Ac]LPP-(SEQ ID NO: 58) (herein referred to as BCY9960);
[Ac]LPP-(SEQ ID NO: 59) (herein referred to as BCY9961);
[Ac]LPP-(SEQ ID NO: 60) (herein referred to as BCY9963);
[Ac]LPP-(SEQ ID NO: 61) (herein referred to as BCY9964);
[Ac]LPP-(SEQ ID NO: 62) (herein referred to as BCY9965);
[Ac]LPP-(SEQ ID NO: 63) (herein referred to as BCY9966);
[Ac]LPP-(SEQ ID NO: 64) (herein referred to as BCY10223);
[Ac]LPP-(SEQ ID NO: 65) (herein referred to as BCY10224);
[Ac]LPP-(SEQ ID NO: 66) (herein referred to as BCY11149);
[Ac]LPP-(SEQ ID NO: 67) (herein referred to as BCY11150);
[Ac]LPP-(SEQ ID NO: 68) (herein referred to as BCY11151);
[Ac]LPP-(SEQ ID NO: 69) (herein referred to as BCY11152);
[Ac]LPP-(SEQ ID NO: 70) (herein referred to as BCY11153);
[Ac]LPP-(SEQ ID NO: 71) (herein referred to as BCY11154);
[Ac]LPP-(SEQ ID NO: 72) (herein referred to as BCY11155);
[Ac]LPP-(SEQ ID NO: 73) (herein referred to as BCY11163);
[Ac]LPP-(SEQ ID NO: 74) (herein referred to as BCY11158);
[Ac]LPP-(SEQ ID NO: 75) (herein referred to as BCY11160);
[Ac]LYP-(SEQ ID NO: 76) (herein referred to as BCY12402);
[Ac]LYP-(SEQ ID NO: 77) (herein referred to as BCY12403);
[Ac]LYP-(SEQ ID NO: 78) (herein referred to as BCY12404).
A-(SEQ ID NO: 79)-A (herein referred to as 17-121-00)
A-(SEQ ID NO: 80)-A (herein referred to as 17-127-01);
A-(SEQ ID NO: 81)-A (herein referred to as 17-129-00);
SQT-(SEQ ID NO: 82)-A (herein referred to as 17-129-01-T01);
SMT-(SEQ ID NO: 82)-A (herein referred to as 17-129-01-T02);
SLV-(SEQ ID NO: 82)-A (herein referred to as 17-129-01-T03);
ISSYG-(SEQ ID NO: 82)-A (herein referred to as 17-129-01-T04);
ENITT-(SEQ ID NO: 82)-A (herein referred to as 17-129-01-T05);

A-(SEQ ID NO: 83)-A (herein referred to as 17-129-02);

A-(SEQ ID NO: 84)-A (herein referred to as 17-129-03);

A-(SEQ ID NO: 85)-A (herein referred to as 17-129-04);

A-(SEQ ID NO: 86)-A (herein referred to as 17-129-05);

A-(SEQ ID NO: 87)-A (herein referred to as 17-129-06);

A-(SEQ ID NO: 88)-A (herein referred to as 17-129-07);

A-(SEQ ID NO: 89)-A (herein referred to as 17-129-08);

A-(SEQ ID NO: 90)-A (herein referred to as 17-129-09);

A-(SEQ ID NO: 91)-A (herein referred to as 17-129-10);

A-(SEQ ID NO: 92)-A (herein referred to as 17-129-11);

L-(SEQ ID NO: 93)-HA (herein referred to as 17-129-12-T01);

T-(SEQ ID NO: 94)-NA (herein referred to as 17-129-13-T01);

Q-(SEQ ID NO: 95)-NA (herein referred to as 17-129-14-T01);

A-(SEQ ID NO: 95)-NVI (herein referred to as 17-129-14-T02);

N-(SEQ ID NO: 96)-NA (herein referred to as 17-129-15-T01);

D-(SEQ ID NO: 97)-RA (herein referred to as 17-129-16-T01);

SRM-(SEQ ID NO: 98)-A (herein referred to as 17-129-17-T01);

SRS-(SEQ ID NO: 98)-A (herein referred to as 17-129-17-T02);

RYMTR-(SEQ ID NO: 98)-A (herein referred to as 17-129-17-T03);

REE-(SEQ ID NO: 99)-A (herein referred to as 17-129-18-T01);

DNM-(SEQ ID NO: 99)-A (herein referred to as 17-129-18-T02);

QES-(SEQ ID NO: 99)-A (herein referred to as 17-129-18-T03);

ADY-(SEQ ID NO: 99)-A (herein referred to as 17-129-18-T04);

MAN-(SEQ ID NO: 100)-A (herein referred to as 17-129-19-T01);

SQN-(SEQ ID NO: 100)-A (herein referred to as 17-129-19-T02);

A-(SEQ ID NO: 101)-TVL (herein referred to as 17-129-20-T01);

A-(SEQ ID NO: 102)-SWL (herein referred to as 17-129-21-T01);

A-(SEQ ID NO: 103)-LTE (herein referred to as 17-129-22-T01);

A-(SEQ ID NO: 104)-YSE (herein referred to as 17-129-23-T01);

Ac-(SEQ ID NO: 104)-YSE (herein referred to as Ac(17-129-23-T01)).

A-(SEQ ID NO: 105)-A (herein referred to as 17-126-01);

A-(SEQ ID NO: 106)-A (herein referred to as 17-126-02);

A-(SEQ ID NO: 107)-A (herein referred to as 17-126-03);

A-(SEQ ID NO: 108)-A (herein referred to as 17-126-06);

A-(SEQ ID NO: 109)-A (herein referred to as 17-126-07);

A-(SEQ ID NO: 110)-A (herein referred to as 17-126-08);

A-(SEQ ID NO: 111)-A (herein referred to as 17-126-09);
A-(SEQ ID NO: 112)-A (herein referred to as 17-126-10);
A-(SEQ ID NO: 113)-A (herein referred to as 17-126-18);
A-(SEQ ID NO: 114)-A (herein referred to as 17-126-19);
A-(SEQ ID NO: 115)-A (herein referred to as 17-126-20);
A-(SEQ ID NO: 116)-A (herein referred to as 17-126-21);
A-(SEQ ID NO: 117)-A (herein referred to as 17-126-22);
A-(SEQ ID NO: 118)-A (herein referred to as 17-126-23);
A-(SEQ ID NO: 119)-A (herein referred to as 17-126-24);
A-(SEQ ID NO: 120)-A (herein referred to as 17-126-25);
Ac-A-(SEQ ID NO: 120)-A (herein referred to as Ac-(17-126-25));
A-(SEQ ID NO: 121)-A (herein referred to as 17-126-26);
A-(SEQ ID NO: 122)-A (herein referred to as 17-126-27);
A-(SEQ ID NO: 123)-A (herein referred to as 17-126-28);
HSP-(SEQ ID NO: 124)-A (herein referred to as 17-126-30-T01);
GPH-(SEQ ID NO: 125)-A (herein referred to as 17-126-31-T01);
IHS-(SEQ ID NO: 126)-A (herein referred to as 17-126-32-T01);
WSP-(SEQ ID NO: 127)-A (herein referred to as 17-126-33-T01);
SHS-(SEQ ID NO: 127)-A (herein referred to as 17-126-33-T02);
DLH-(SEQ ID NO: 128)-A (herein referred to as 17-126-35-T01);
ANE-(SEQ ID NO: 129)-A (herein referred to as 17-126-36-T01);
AVW-(SEQ ID NO: 130)-A (herein referred to as 17-126-37-T01);
KVQ-(SEQ ID NO: 131)-A (herein referred to as 17-126-38-T01);
A-(SEQ ID NO: 132)-PDVA (herein referred to as 17-126-39-T01);
A-(SEQ ID NO: 133)-HQAA (herein referred to as 17-126-40-T01);
A-(SEQ ID NO: 134)-RENA (herein referred to as 17-126-41-T01).
A-(SEQ ID NO: 135)-A (herein referred to as 17-126-11);
A-(SEQ ID NO: 136)-A (herein referred to as 17-126-12).
A-(SEQ ID NO: 137)-A (herein referred to as 17-122-02);
A-(SEQ ID NO: 138)-A (herein referred to as 17-122-03); and
A-(SEQ ID NO: 139)-A (herein referred to as 17-122-04).

~~2. The peptide ligand as defined in claim 1, wherein said loop sequences comprise 2, 3, 5, 6, 7 or 9 amino acids, such as 3 or 7 amino acids.~~

~~3. The peptide ligand as defined in claim 1 or claim 2, wherein said loop sequences comprise three cysteine residues separated by two loop sequences a first loop which consists of 7 amino acids and a second loop which consists of 2 amino acids, such as:~~

~~CEESFYPECDHC (SEQ ID NO: 1);~~

~~in particular:~~

~~A-(SEQ ID NO: 1)-A (herein referred to as 17-108-02).~~

~~4. The peptide ligand as defined in claim 1 or claim 2, wherein said loop sequences comprise three cysteine residues separated by two loop sequences a first loop which consists of 3 amino acids and a second loop which consists of 6 amino acids, such as:~~

~~CPDLCLDLFPNC (SEQ ID NO: 2); and~~

~~CPELCVDLYPHC (SEQ ID NO: 3);~~

~~in particular:~~

~~A-(SEQ ID NO: 2)-A (herein referred to as 17-111-01).~~

~~A-(SEQ ID NO: 3)-A (herein referred to as 17-111-02).~~

~~5. The peptide ligand as defined in claim 1 or claim 2, wherein said loop sequences comprise three cysteine residues separated by two loop sequences a first loop which consists of 6 amino acids and a second loop which consists of 3 amino acids, such as:~~

~~CHPEWVSCEFHC (SEQ ID NO: 4);~~

~~in particular:~~

~~A-(SEQ ID NO: 4)-A (herein referred to as 17-116-01).~~

~~6. The peptide ligand as defined in claim 1 or claim 2, wherein said loop sequences comprise three cysteine residues separated by two loop sequences a first loop which consists of 3 amino acids and a second loop which consists of 7 amino acids, such as~~

~~CSHECALLFPKTC (SEQ ID NO: 5);~~

~~CFDECQLLFPKTC (SEQ ID NO: 6);~~

~~CLDECKLLFPKTC (SEQ ID NO: 7);~~

~~CREECMLLFPKTC (SEQ ID NO: 8);~~

~~CETECALLFPRSC (SEQ ID NO: 9);~~

~~CADECRLLFPKTC (SEQ ID NO: 10);~~

~~CDVECRLLFPRSC (SEQ ID NO: 11);~~

~~CIDECRLLFPRSC (SEQ ID NO: 12);~~

~~CVRECALLFPKTC (SEQ ID NO: 13);~~

~~CV[HArg]ECALLFPKTC (SEQ ID NO: 14);~~

~~CVRECALLFPRTC (SEQ ID NO: 15);~~

~~CVRECALLFP[HArg]TC (SEQ ID NO: 16);~~

~~CV[HArg]ECALLFP[HArg]TC (SEQ ID NO: 17);~~

~~CV[HArg]ECALLFPATC (SEQ ID NO: 18);~~

~~CVAECALLFP[HArg]TC (SEQ ID NO: 19);~~

~~CVTECQLLFPKTC (SEQ ID NO: 20);~~

~~CRHECELLFPKTC (SEQ ID NO: 21);~~

~~CQRECALLFPKTC (SEQ ID NO: 22);~~

~~CVRECTLLFPKTC (SEQ ID NO: 23);~~

~~CTIECALLFPKTC (SEQ ID NO: 24);~~

~~CARECALLFPKTC (SEQ ID NO: 25);~~

~~CINECRLLFPKTC (SEQ ID NO: 26);~~

~~CYTECSLLFPKTC (SEQ ID NO: 27);~~

~~CHEECRLLFPKTC (SEQ ID NO: 28);~~

~~CLEECKLLFPKTC (SEQ ID NO: 29);~~

~~CIDECALLFPRTC (SEQ ID NO: 30);~~

~~CYEECRLLFPRTC (SEQ ID NO: 31);~~

~~CVRECRLLFPKTC (SEQ ID NO: 32);~~

~~CHIECALLFPKTC (SEQ ID NO: 33);~~

~~CKRECMLLFPKTC (SEQ ID NO: 34);~~

~~CYRECALLFPKTC (SEQ ID NO: 35);~~

~~CLTECALLFPKTC (SEQ ID NO: 36);~~

~~CEVECRLLFPKTC (SEQ ID NO: 37);~~

~~CEAECRLLFPKTC (SEQ ID NO: 38);~~

~~CVQECALLFPKTC (SEQ ID NO: 39);~~

~~CIRECSLLFPKTC (SEQ ID NO: 40);~~

~~CVTECALLFPKTC (SEQ ID NO: 41);~~

~~CVAECKLLFPKTC (SEQ ID NO: 42);~~

~~CVGECALLFPKTC (SEQ ID NO: 43);~~

~~CVVECALLFPKTC (SEQ ID NO: 44);~~

~~CVFECALLFPKTC (SEQ ID NO: 45);~~

~~CA[HArg]ECALLFP[HArg]TC (SEQ ID NO: 46);~~

~~CV[HArg]ECALLFA[HArg]TC (SEQ ID NO: 47);~~

~~CV[HArg]ECALLFP[HArg]AC (SEQ ID NO: 48);~~

~~CV[HArg]ECALL[1Nal]P[HArg]TC (SEQ ID NO: 49);~~

~~CV[HArg]ECALL[Cha]P[HArg]TC (SEQ ID NO: 50);~~

~~CV[HArg]ECALLF[Pip][HArg]TC (SEQ ID NO: 51);~~

~~CV[HArg]ECALLFP[HArg]SC (SEQ ID NO: 52);~~

~~CV[HArg]ECALLFP[HArg][HSer]C (SEQ ID NO: 53);~~

~~CV[HArg]ECALLF[HyP][HArg]TC (SEQ ID NO: 54);~~

~~CV[HArg]EC[Aib]LLFP[HArg]TC (SEQ ID NO: 55);~~

~~CV[HArg]ECAL[Nle]FP[HArg]TC (SEQ ID NO: 56);~~

~~CV[HArg]ECA[tBuAla]LFP[HArg]TC (SEQ ID NO: 57);~~

~~CV[HArg]ECA[Nle]LFP[HArg]TC (SEQ ID NO: 58);~~

~~CV[Aad2]ECALLFP[HArg]TC (SEQ ID NO: 59);~~

~~CP[HArg]ECALLFP[HArg]TC (SEQ ID NO: 60);~~

~~CV[HArg]ECALL[4FlPhe]P[HArg]TC (SEQ NO: 61);~~

~~CV[HArg]ECAL[tBuGly]FP[HArg]TC (SEQ ID NO: 62);~~

~~CV[HArg]ECAL[Cha]FP[HArg]TC (SEQ ID NO: 63);~~

~~CV[HArg]ECALL[2Nal]P[HArg]TC (SEQ ID NO: 64);~~

~~CV[HArg]ECALLFP[HArg][HyV]C (SEQ ID NO: 65);~~

~~C[tBuGly][HArg]ECALLFP[HArg]TC (SEQ ID NO: 66);~~

~~CVEECALLFP[HArg]TC (SEQ ID NO: 67);~~

~~CV[HArg]ECA[Cpa]LFP[HArg]TC (SEQ ID NO: 68);~~

~~CV[HArg]ECA[Cba]LFP[HArg]TC (SEQ ID NO: 69);~~

~~CV[HArg]ECA[C5A]LFP[HArg]TC (SEQ ID NO: 70);~~

~~CV[HArg]ECA[Cha]LFP[HArg]TC (SEQ ID NO: 71);~~

~~CV[HArg]ECA[tBuGly]LFP[HArg]TC (SEQ ID NO: 72);~~

~~CV[HArg]ECALLF[Cis-HyP][HArg]TC (SEQ ID NO: 73);~~

~~CV[HArg]ECAL[Cpa]FP[HArg]TC (SEQ ID NO: 74);~~

~~CV[HArg]ECAL[C5A]FP[HArg]TC (SEQ ID NO: 75);~~

~~CV[HArg]ECA[tBuAla]LF[HyP][HArg]TC (SEQ ID NO: 76);~~

~~CV[HArg]ECA[tBuAla][tBuGly]F[HyP][HArg]TC (SEQ ID NO: 77); and~~

~~C[tBuGly][HArg]ECA[tBuAla]LFP[HArg]TC (SEQ ID NO: 78);~~

~~wherein Aad represents alpha-L-aminoadipic acid, Aib represents aminoisobutyric acid, C5a represents beta-cyclopentyl-L-alanine, Cba represents β-cyclobutylalanine, Cha represents 3-cyclohexyl-L-alanine, Cpa represents beta-cyclopropyl-L-alanine, 4FlPhe represents 4-fluoro-L-phenylalanine, HArg represents homoarginine, HyP represents hydroxyproline, HyV represents 3-hydroxy-L-valine, HSer represents homoserine, 1Nal represents 1-naphthylalanine, 2Nal represents 2-naphthylalanine, Nle represents norleucine, Pip represents pipecolic acid, tBuAla represents t-butyl-alanine, tBuGly represents t-butyl-glycine;~~

~~in particular:~~

~~A-(SEQ ID NO: 5)-A (herein referred to as 17-120-00);~~

~~A-(SEQ ID NO: 6)-A (herein referred to as 17-120-01);~~

~~A-(SEQ ID NO: 7)-A (herein referred to as 17-120-02);~~

~~A-(SEQ ID NO: 8)-A (herein referred to as 17-120-03);~~

~~A-(SEQ ID NO: 9)-A (herein referred to as 17-120-04);~~

~~A-(SEQ ID NO: 10)-A (herein referred to as 17-120-05);~~

~~A-(SEQ ID NO: 11)-A (herein referred to as 17-120-07);~~

~~A-(SEQ ID NO: 12)-A (herein referred to as 17-120-08);~~

~~APPP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T01);~~

~~QISP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T02);~~

~~ALPP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T03 and BCY1124);~~

~~Ac-ALPP-(SEQ ID NO: 13) (herein referred to as Ac-(17-120-09-T03) and BCY1125);~~

~~Sar3-ALPP-(SEQ ID NO: 13) (herein referred to as Sar3-A-(17-120-09-T03));~~

~~GPPP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T04);~~

~~SPPP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T05);~~

~~NPPP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T06);~~

~~EPPP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T07);~~

~~HPPP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T08);~~

~~APNP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T09);~~

~~APDP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T10);~~

~~APLP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T11);~~

~~APAP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T12);~~

~~APHP-(SEQ ID NO: 13)-A (herein referred to as 17-120-09-T13);~~

~~Sar3-ALPP-(SEQ ID NO: 14) (herein referred to as Sar3-A-(17-120-09-T03) HArg2);~~

~~Sar3-ALPP-(SEQ ID NO: 15) (herein referred to as Sar3-A-(17-120-09-T03) Arg9);~~

~~Sar3-ALPP-(SEQ ID NO: 16) (herein referred to as Sar3-A-(17-120-09-T03) HArg9);~~

~~(B-Ala)-Sar10-ALPP-(SEQ ID NO: 17) (herein referred to as (B-Ala)-Sar10-A-(17-120-09-T03) HArg2 HArg9);~~

~~Ac-(B-Ala)-Sar10-ALPP-(SEQ ID NO: 17) (herein referred to as Ac-(B-Ala)-Sar10-A-(17-120-09-T03) HArg2 HArg9);~~

~~ALPP-(SEQ ID NO: 17) (herein referred to as BCY3959);~~

~~[Ac]LPP-(SEQ ID NO: 17) (herein referred to as BCY9933);~~

~~[Ac]APP-(SEQ ID NO: 17) (herein referred to as BCY9934);~~

~~[Ac]LAP-(SEQ ID NO: 17) (herein referred to as BCY9935);~~

~~[Ac]LPA-(SEQ ID NO: 17) (herein referred to as BCY9936);~~

~~[Ac]-(SEQ ID NO: 17) (herein referred to as BCY9968);~~

~~[Ac]LYP-(SEQ ID NO: 17) (herein referred to as BCY11147);~~

~~[Ac]LPY-(SEQ ID NO: 17) (herein referred to as BCY11148);~~

~~[Ac][dA]PP-(SEQ ID NO: 17) (herein referred to as BCY11165);~~

~~[Ac]L[dA]P-(SEQ ID NO: 17) (herein referred to as BCY11166);~~

~~[Ac]LP[dA]-(SEQ ID NO: 17) (herein referred to as BCY11167);~~

~~ALPP-(SEQ ID NO: 17)-A (herein referred to as BCY10288).~~

~~(B-Ala)-Sar10-ALPP-(SEQ ID NO: 18) (herein referred to as (B-Ala)-Sar10-A-(17-120-09-T03) HArg2 Ala9);~~

~~(B-Ala)-Sar10-ALPP-(SEQ ID NO: 19) (herein referred to as (B-Ala)-Sar10-A-(17-120-09-T03) Ala2 HArg9);~~

~~[Ac]LPP-(SEQ ID NO: 19) (herein referred to as BCY9938);~~

~~APMP-(SEQ ID NO: 20)-A (herein referred to as 17-120-10-T01);~~

~~APSP-(SEQ ID NO: 21)-A (herein referred to as 17-120-11-T01);~~

~~AALP-(SEQ ID NO: 22)-A (herein referred to as 17-120-12-T01);~~

~~ALDP-(SEQ ID NO: 23)-A (herein referred to as 17-120-13-T01);~~

~~ADRP-(SEQ ID NO: 24)-A (herein referred to as 17-120-14-T01);~~

~~ATQP-(SEQ ID NO: 25)-A (herein referred to as 17-120-15-T01);~~

~~SPPP-(SEQ ID NO: 25)-A (herein referred to as 17-120-15-T02);~~

~~ARHP-(SEQ ID NO: 26)-A (herein referred to as 17-120-16-T01);~~

~~ALPP-(SEQ ID NO: 27)-A (herein referred to as 17-120-17-T01);~~

~~A-(SEQ ID NO: 28)-A (herein referred to as 17-120-18);~~

~~A-(SEQ ID NO: 29)-A (herein referred to as 17-120-19);~~

~~A-(SEQ ID NO: 30)-A (herein referred to as 17-120-20);~~

~~A-(SEQ ID NO: 31)-A (herein referred to as 17-120-21);~~

~~APPP-(SEQ ID NO: 31)-A (herein referred to as 17-120-21-T01);~~

~~APSP-(SEQ ID NO: 32)-A (herein referred to as 17-120-22-T01);~~

~~PLPP-(SEQ ID NO: 32)-A (herein referred to as 17-120-22-T02);~~

~~APAP-(SEQ ID NO: 33)-A (herein referred to as 17-120-23-T01);~~

~~AVEP-(SEQ ID NO: 34)-A (herein referred to as 17-120-24-T01);~~

~~AEPA-(SEQ ID NO: 35)-A (herein referred to as 17-120-25-T01);~~

~~ASPP-(SEQ ID NO: 36)-A (herein referred to as 17-120-26-T01);~~

~~AAPP-(SEQ ID NO: 37)-A (herein referred to as 17-120-27-T01);~~

~~APPP-(SEQ ID NO: 38)-A (herein referred to as 17-120-28-T01);~~

~~AVPP-(SEQ ID NO: 39)-A (herein referred to as 17-120-29-T01);~~

~~SPPP-(SEQ ID NO: 40)-A (herein referred to as 17-120-30-T01);~~

HLPP-(SEQ ID NO: 41)-A (herein referred to as 17-120-31-T01);

RLPP-(SEQ ID NO: 41)-A (herein referred to as 17-120-31-T02);

APPP-(SEQ ID NO: 41)-A (herein referred to as 17-120-31-T03);

MPPP-(SEQ ID NO: 42)-A (herein referred to as 17-120-32-T01);

SPPP-(SEQ ID NO: 43)-A (herein referred to as 17-120-33-T01);

APPP-(SEQ ID NO: 44)-A (herein referred to as 17-120-34-T01);

APPP-(SEQ ID NO: 45)-A (herein referred to as17-120-35-T01);

[Ac]LPP-(SEQ ID NO: 46) (herein referred to as BCY9937);

[Ac]LPP-(SEQ ID NO: 47) (herein referred to as BCY9943);

[Ac]LPP-(SEQ ID NO: 48) (herein referred to as BCY9945);

[Ac]LPP-(SEQ ID NO: 49) (herein referred to as BCY9946);

[Ac]LPP-(SEQ ID NO: 50) (herein referred to as BCY9949);

[Ac]LPP-(SEQ ID NO: 51) (herein referred to as BCY9951);

[Ac]LPP-(SEQ ID NO: 52) (herein referred to as BCY9952);

[Ac]LPP-(SEQ ID NO: 53) (herein referred to as BCY9953);

[Ac]LPP-(SEQ ID NO: 54) (herein referred to as BCY9954);

[Ac]LPP-(SEQ ID NO: 55) (herein referred to as BCY9955);

[Ac]LPP-(SEQ ID NO: 56) (herein referred to as BCY9957);

[Ac]LPP-(SEQ ID NO: 57) (herein referred to as BCY9959);

[Ac]LYP-(SEQ ID NO: 57) (herein referred to as BCY12401);

[Ac]EYP-(SEQ ID NO: 57) (herein referred to as BCY12405);

[Ac]LPP-(SEQ ID NO: 58) (herein referred to as BCY9960);

[Ac]LPP-(SEQ ID NO: 59) (herein referred to as BCY9961);

[Ac]LPP-(SEQ ID NO: 60) (herein referred to as BCY9963);

[Ac]LPP-(SEQ ID NO: 61) (herein referred to as BCY9964);

[Ac]LPP-(SEQ ID NO: 62) (herein referred to as BCY9965);

[Ac]LPP-(SEQ ID NO: 63) (herein referred to as BCY9966);

[Ac]LPP-(SEQ ID NO: 64) (herein referred to as BCY10223);

[Ac]LPP-(SEQ ID NO: 65) (herein referred to as BCY10224);

[Ac]LPP-(SEQ ID NO: 66) (herein referred to as BCY11149);

[Ac]LPP-(SEQ ID NO: 67) (herein referred to as BCY11150);

[Ac]LPP-(SEQ ID NO: 68) (herein referred to as BCY11151);

[Ac]LPP-(SEQ ID NO: 69) (herein referred to as BCY11152);

[Ac]LPP-(SEQ ID NO: 70) (herein referred to as BCY11153);

[Ac]LPP-(SEQ ID NO: 71) (herein referred to as BCY11154);

[Ac]LPP-(SEQ ID NO: 72) (herein referred to as BCY11155);

~~[Ac]LPP-(SEQ ID NO: 73) (herein referred to as BCY11163);~~
~~[Ac]LPP-(SEQ ID NO: 74) (herein referred to as BCY11158);~~
~~[Ac]LPP-(SEQ ID NO: 75) (herein referred to as BCY11160);~~
~~[Ac]LYP-(SEQ ID NO: 76) (herein referred to as BCY12402);~~
~~[Ac]LYP-(SEQ ID NO: 77) (herein referred to as BCY12403); and~~
~~[Ac]LYP-(SEQ ID NO: 78) (herein referred to as BCY12404).~~

4~~7~~. The peptide ligand as defined in claim 2~~6~~, wherein the peptide ligand comprises an amino acid sequence which is (B-Ala)-Sar10-ALPP-(SEQ ID NO: 17) (herein referred to as (B-Ala)-Sar10-A-(17-120-09-T03) HArg2 HArg9).

~~8. The peptide ligand as defined in claim 1 or claim 2, wherein said loop sequences comprise three cysteine residues separated by two loop sequences a first loop which consists of 7 amino acids and a second loop which consists of 3 amino acids, such as:~~
~~CSSWDKLMCHPYC (SEQ ID NO: 79);~~
~~in particular:~~
~~A-(SEQ ID NO: 79)-A (herein referred to as 17-121-00).~~

~~9. The peptide ligand as defined in claim 1 or claim 2, wherein said loop sequences comprise three cysteine residues separated by two loop sequences a first loop which consists of 3 amino acids and a second loop which consists of 9 amino acids, such as:~~
~~CPEECFYLPPHPMSC (SEQ ID NO: 80);~~
~~CPQECFYLPGHSLYC (SEQ ID NO: 81);~~
~~CPGECFYPPGHPLAC (SEQ ID NO: 82);~~
~~CPGECFYPTNHPLYC (SEQ ID NO: 83);~~
~~CPQECFYPIGHPLAC (SEQ ID NO: 84);~~
~~CPEECFYPPGHKLHC (SEQ ID NO: 85);~~
~~CPQECFYPPGHRLRC (SEQ ID NO: 86);~~
~~CPQECFYPPGHPYHC (SEQ ID NO: 87);~~
~~CPQECFYPSTHPLYC (SEQ ID NO: 88);~~
~~CPGECFYPSNHRLYC (SEQ ID NO: 89);~~
~~CPDECFYPPEHPLAC (SEQ ID NO: 90);~~
~~CPGECFYPPGHHLSC (SEQ ID NO: 91);~~
~~CPGECFYPPGHHLGC (SEQ ID NO: 92);~~
~~CPEECFYPPNHPLYC (SEQ ID NO: 93);~~
~~CPGECFYPPDHPLYC (SEQ ID NO: 94);~~

~~CPGECFYPPGHPLYC (SEQ ID NO: 95);~~

~~CPGECFYPPNHPFYC (SEQ ID NO: 96);~~

~~CPGECFYPPNHPLYC (SEQ ID NO: 97);~~

~~CPEECFYPPGHPLAC (SEQ ID NO: 98);~~

~~CWMECFYPPGHPLAC (SEQ ID NO: 99);~~

~~CFEECFYPPGHPLAC (SEQ ID NO: 100);~~

~~CPGECFYPPGHPLRC (SEQ ID NO: 101);~~

~~CPGECFYPPGHPREC (SEQ ID NO: 102);~~

~~CPGECFYPPGHRFHC (SEQ ID NO: 103); and~~

~~CPGECFYPPGHRLYC (SEQ ID NO: 104);~~

~~in particular:~~

~~A-(SEQ ID NO: 80)-A (herein referred to as 17-127-01);~~

~~A-(SEQ ID NO: 81)-A (herein referred to as 17-129-00);~~

~~SQT-(SEQ ID NO: 82)-A (herein referred to as 17-129-01-T01);~~

~~SMT-(SEQ ID NO: 82)-A (herein referred to as 17-129-01-T02);~~

~~SLV-(SEQ ID NO: 82)-A (herein referred to as 17-129-01-T03);~~

~~ISSYG-(SEQ ID NO: 82)-A (herein referred to as 17-129-01-T04);~~

~~ENITT-(SEQ ID NO: 82)-A (herein referred to as 17-129-01-T05);~~

~~A-(SEQ ID NO: 83)-A (herein referred to as 17-129-02);~~

~~A-(SEQ ID NO: 84)-A (herein referred to as 17-129-03);~~

~~A-(SEQ ID NO: 85)-A (herein referred to as 17-129-04);~~

~~A-(SEQ ID NO: 86)-A (herein referred to as 17-129-05);~~

~~A-(SEQ ID NO: 87)-A (herein referred to as 17-129-06);~~

~~A-(SEQ ID NO: 88)-A (herein referred to as 17-129-07);~~

~~A-(SEQ ID NO: 89)-A (herein referred to as 17-129-08);~~

~~A-(SEQ ID NO: 90)-A (herein referred to as 17-129-09);~~

~~A-(SEQ ID NO: 91)-A (herein referred to as 17-129-10);~~

~~A-(SEQ ID NO: 92)-A (herein referred to as 17-129-11);~~

~~L-(SEQ ID NO: 93)-HA (herein referred to as 17-129-12-T01);~~

~~T-(SEQ ID NO: 94)-NA (herein referred to as 17-129-13-T01);~~

~~Q-(SEQ ID NO: 95)-NA (herein referred to as 17-129-14-T01);~~

~~A-(SEQ ID NO: 95)-NVI (herein referred to as 17-129-14-T02);~~

~~N-(SEQ ID NO: 96)-NA (herein referred to as 17-129-15-T01);~~

~~D-(SEQ ID NO: 97)-RA (herein referred to as 17-129-16-T01);~~

~~SRM-(SEQ ID NO: 98)-A (herein referred to as 17-129-17-T01);~~

~~SRS-(SEQ ID NO: 98)-A (herein referred to as 17-129-17-T02);~~

RYMTR-(SEQ ID NO: 98)-A (herein referred to as 17-129-17-T03);
REE-(SEQ ID NO: 99)-A (herein referred to as 17-129-18-T01);
DNM-(SEQ ID NO: 99)-A (herein referred to as 17-129-18-T02);
QES-(SEQ ID NO: 99)-A (herein referred to as 17-129-18-T03);
ADY-(SEQ ID NO: 99)-A (herein referred to as 17-129-18-T04);
MAN-(SEQ ID NO: 100)-A (herein referred to as 17-129-19-T01);
SQN-(SEQ ID NO: 100)-A (herein referred to as 17-129-19-T02);
A-(SEQ ID NO: 101)-TVL (herein referred to as 17-129-20-T01);
A-(SEQ ID NO: 102)-SWL (herein referred to as 17-129-21-T01);
A-(SEQ ID NO: 103)-LTE (herein referred to as 17-129-22-T01);
A-(SEQ ID NO: 104)-YSE (herein referred to as 17-129-23-T01); and
Ac-(SEQ ID NO: 104)-YSE (herein referred to as Ac(17-129-23-T01)).

10. The peptide ligand as defined in claim 1 or claim 2, wherein said loop sequences comprise three cysteine residues separated by two loop sequences a first loop which consists of 6 amino acids and a second loop which consists of 6 amino acids, such as
CEEEFYPCGHPLYVC (SEQ ID NO: 105);
CEEQFYPCTHALYTC (SEQ ID NO: 106);
CVEEFYPCDHPLYSC (SEQ ID NO: 107);
CEEEFYPCGHPMHPC (SEQ ID NO: 108);
CDEQFYPCHHRLYSC (SEQ ID NO: 109);
CEEEFYPCGHPFHPC (SEQ ID NO: 110);
CLEQFYPCEHPLFSC (SEQ ID NO: 111);
CVEQFYPCGHRHYIC (SEQ ID NO: 112);
CEEQFYPCSHPLYTC (SEQ ID NO: 113);
CEEQFYPCNHPLNVC (SEQ ID NO: 114);
CEEEFYPCSHPLNPC (SEQ ID NO: 115);
CEEQFYPCGHKLSPC (SEQ ID NO: 116);
CPEQFYPCDHRLYIC (SEQ ID NO: 117);
CQEQFYPCNHPLSPC (SEQ ID NO: 118);
CDEQFYPCNHRLNTC (SEQ ID NO: 119);
CEEAFYPCHHPLYRC (SEQ ID NO: 120);
CDEDFYPCGHYLNQC (SEQ ID NO: 121);
CEEQFYPCTHPLYVC (SEQ ID NO: 122);
CPEQFYPCTHRLYQC (SEQ ID NO: 123);
CEEQFYPCSHPLYRC (SEQ ID NO: 124);

~~CAEQFYPCDHPLYRC (SEQ ID NO: 125);~~

~~CAEEFYPCDHPLYRC (SEQ ID NO: 126);~~

~~CEEAFYPCNHPLYTC (SEQ ID NO: 127);~~

~~CAEAFYPCDHPLYVC (SEQ ID NO: 128);~~

~~CEEAFYPCSHPLFIC (SEQ ID NO: 129);~~

~~CEEAFYPCSHPLHPC (SEQ ID NO: 130);~~

~~CEEAFYPCSHPLFVC (SEQ ID NO: 131);~~

~~CEEQFYPCSHPLYSC (SEQ ID NO: 132);~~

~~CEEAFYPCEHPLYMC (SEQ ID NO: 133); and~~

~~CEEQFYPCNHPLYMC (SEQ ID NO: 134);~~

~~in particular:~~

~~A-(SEQ ID NO: 105)-A (herein referred to as 17-126-01);~~

~~A-(SEQ ID NO: 106)-A (herein referred to as 17-126-02);~~

~~A-(SEQ ID NO: 107)-A (herein referred to as 17-126-03);~~

~~A-(SEQ ID NO: 108)-A (herein referred to as 17-126-06);~~

~~A-(SEQ ID NO: 109)-A (herein referred to as 17-126-07);~~

~~A-(SEQ ID NO: 110)-A (herein referred to as 17-126-08);~~

~~A-(SEQ ID NO: 111)-A (herein referred to as 17-126-09);~~

~~A-(SEQ ID NO: 112)-A (herein referred to as 17-126-10);~~

~~A-(SEQ ID NO: 113)-A (herein referred to as 17-126-18);~~

~~A-(SEQ ID NO: 114)-A (herein referred to as 17-126-19);~~

~~A-(SEQ ID NO: 115)-A (herein referred to as 17-126-20);~~

~~A-(SEQ ID NO: 116)-A (herein referred to as 17-126-21);~~

~~A-(SEQ ID NO: 117)-A (herein referred to as 17-126-22);~~

~~A-(SEQ ID NO: 118)-A (herein referred to as 17-126-23);~~

~~A-(SEQ ID NO: 119)-A (herein referred to as 17-126-24);~~

~~A-(SEQ ID NO: 120)-A (herein referred to as 17-126-25);~~

~~Ac-A-(SEQ ID NO: 120)-A (herein referred to as Ac-(17-126-25));~~

~~A-(SEQ ID NO: 121)-A (herein referred to as 17-126-26);~~

~~A-(SEQ ID NO: 122)-A (herein referred to as 17-126-27);~~

~~A-(SEQ ID NO: 123)-A (herein referred to as 17-126-28);~~

~~HSP-(SEQ ID NO: 124)-A (herein referred to as 17-126-30-T01);~~

~~GPH-(SEQ ID NO: 125)-A (herein referred to as 17-126-31-T01);~~

~~IHS-(SEQ ID NO: 126)-A (herein referred to as 17-126-32-T01);~~

~~WSP-(SEQ ID NO: 127)-A (herein referred to as 17-126-33-T01);~~

~~SHS-(SEQ ID NO: 127)-A (herein referred to as 17-126-33-T02);~~

~~DLH-(SEQ ID NO: 128)-A (herein referred to as 17-126-35-T01);~~
~~ANE-(SEQ ID NO: 129)-A (herein referred to as 17-126-36-T01);~~
~~AVW-(SEQ ID NO: 130)-A (herein referred to as 17-126-37-T01);~~
~~KVQ-(SEQ ID NO: 131)-A (herein referred to as 17-126-38-T01);~~
~~A-(SEQ ID NO: 132)-PDVA (herein referred to as 17-126-39-T01);~~
~~A-(SEQ ID NO: 133)-HQAA (herein referred to as 17-126-40-T01); and~~
~~A-(SEQ ID NO: 134)-RENA (herein referred to as 17-126-41-T01).~~

~~11. The peptide ligand as defined in claim 1 or claim 2, wherein said loop sequences comprise three cysteine residues separated by two loop sequences a first loop which consists of 6 amino acids and a second loop which consists of 5 amino acids, such as:~~
~~CLEQFYPCGDPRLC (SEQ ID NO: 135); and~~
~~CEEQFYPCGHHLLC (SEQ ID NO: 136);~~
~~in particular:~~
~~A-(SEQ ID NO: 135)-A (herein referred to as 17-126-11); and~~
~~A-(SEQ ID NO: 136)-A (herein referred to as 17-126-12).~~

~~12. The peptide ligand as defined in claim 1 or claim 2, wherein said loop sequences comprise three cysteine residues separated by two loop sequences a first loop which consists of 5 amino acids and a second loop which consists of 5 amino acids, such as:~~
~~CLEPDECFYPMEC (SEQ ID NO: 137);~~
~~CKEPQECFYPLKC (SEQ ID NO: 138); and~~
~~CDSPEECFYPLEC (SEQ ID NO: 139);~~
~~in particular:~~
~~A-(SEQ ID NO: 137)-A (herein referred to as 17-122-02);~~
~~A-(SEQ ID NO: 138)-A (herein referred to as 17-122-03); and~~
~~A-(SEQ ID NO: 139)-A (herein referred to as 17-122-04).~~

~~13. The peptide ligand as defined in claim 1 or claim 2, which is selected from any of the peptide ligands listed in Table 2 or Table 3.~~

5~~14~~. The peptide ligand as defined in any one of claims 1 to ~~13~~4, wherein the pharmaceutically acceptable salt is selected from the free acid or the sodium, potassium, calcium, ammonium salt.

615. The peptide ligand as defined in any one of claims 1 to 145, wherein the MT1-MMP is human MT1-MMP.

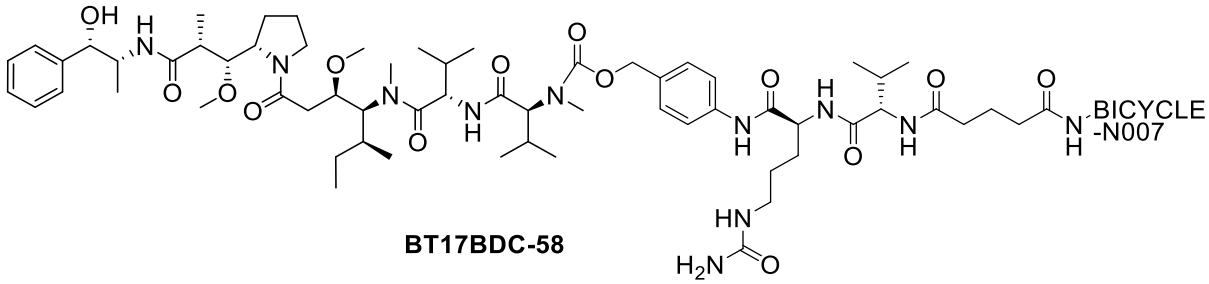
716. A drug conjugate comprising a peptide ligand as defined in any one of claims 1 to 156, conjugated to one or more effector and/or functional groups.

178. The drug conjugate as defined in claim 167, conjugated to one or more cytotoxic agents.

189. The drug conjugate as defined in claim 178, wherein said cytotoxic agent is selected from MMAE or DM1.

1910. The drug conjugate as defined in claim 189, wherein the cytotoxic agent is MMAE and said conjugate additionally comprises a linker selected from: -PABC-Cit-Val-Glutaryl- or -PABC-cyclobutyl-Ala-Cit-βAla-, such as -PABC-Cit-Val-Glutaryl-, wherein PABC represents p-aminobenzylcarbamate.

2011. The drug conjugate as defined in claim 1910, which is BT17BDC58:



BT17BDC-58

wherein BICYCLE-N007 represents (B-Ala)-Sar10-ALPP-(SEQ ID NO: 17) also known as (B-Ala)-Sar10-A-(17-120-09-T03) HArg2 HArg9.

2112. A pharmaceutical composition which comprises the peptide ligand of any one of claims 1 to 15 6 or the drug conjugate of any one of claims 16 7 to 2011, in combination with one or more pharmaceutically acceptable excipients.

2213. The pharmaceutical composition as defined in claim 2112, which additionally comprises one or more therapeutic agents.

2314. The drug conjugate as defined in any one of claims 16 7 to 2011, for use in preventing, suppressing or treating a disease or disorder mediated by MT1-MMP.