SEQUENCE LISTING

<110> credentis AG

<120> Method and product for treatment of paradontitis, gingivitis and periodontitis

<130> CRE16961PCT

<160> 33

<170> BiSSAP 1.3

<210> 1
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> consensus sequence 1 of self-assembling peptides

<220>
<221> VARIANT
<222> 1..1
<223> amino acid X1 is independently selected from the group consisting of glutamic acid, aspartic acid, glutamine and ornithine

<220>
<221> VARIANT
<222> 2..2
<223> amino acid X2 is independently selected from the group consisting of alanine, valine, isoleucine, leucine, methionine, phenylalanine, tyrosine, tryptophan and glutamine

<220>
<221> VARIANT
<222> 3..3
<223> amino acid X1 is independently selected from the group consisting of glutamic acid, aspartic acid, glutamine and ornithine

<220>
<221> VARIANT
<222> 4..4
<223> amino acid X2 is independently selected from the group consisting of alanine, valine, isoleucine, leucine, methionine, phenylalanine, tyrosine, tryptophan and glutamine

<220>
<221> VARIANT

<222> 5..5
<223> amino acid X1 is independently selected from the group consisting
of glutamic acid, aspartic acid, glutamine and ornithine

<400> 1
Xaa Xaa Xaa Xaa Xaa
1 5

<210> 2
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> consensus sequence 2 of self-assembling peptides

<220>
<221> VARIANT
<222> 1..1
<223> amino acid X1 is independently selected from the group consisting
of glutamic acid and ornithine

<220>
<221> VARIANT
<222> 2..2
<223> amino acid X2 is independently selected from the group consisting
of phenylalanine and tryptophan

<220>
<221> VARIANT
<222> 3..3
<223> amino acid X1 is independently selected from the group consisting
of glutamic acid and ornithine

<220>
<221> VARIANT
<222> 4..4
<223> amino acid X2 is independently selected from the group consisting
of phenylalanine and tryptophan

<220>
<221> VARIANT
<222> 5..5
<223> amino acid X1 is independently selected from the group consisting
of glutamic acid and ornithine

<400> 2
Xaa Xaa Xaa Xaa Xaa
1 5

<210> 3
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> consensus sequence 3 of self-assembling peptides

<220>
<221> VARIANT
<222> 1..1
<223> amino acid X3 is independently selected from the group consisting
of arginine, glutamic acid and ornithine

<220>
<221> VARIANT
<222> 3..3
<223> amino acid X1 is independently selected from the group consisting
of glutamic acid and ornithine

<220>
<221> VARIANT
<222> 5..5
<223> amino acid X1 is independently selected from the group consisting
of glutamic acid and ornithine

<400> 3
Xaa Phe Xaa Trp Xaa
1 5

<210> 4
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> consensus sequence 4 of self-assembling peptides

<220>
<221> VARIANT
<222> 1..1
<223> amino acid X4 is independently selected from the group consisting
of glutamine, glutamic acid, serine, threonine and ornithine

<220>
<221> VARIANT
<222> 2..2
<223> amino acid X4 is independently selected from the group consisting

of glutamine, glutamic acid, serine, threonine and ornithine

<220>
<221> VARIANT
<222> 3..3
<223> amino acid X3 is independently selected from the group consisting of arginine, glutamic acid and ornithine

<220>
<221> VARIANT
<222> 5..5
<223> amino acid X1 is independently selected from the group consisting of glutamic acid and ornithine

<220>
<221> VARIANT
<222> 7..7
<223> amino acid X1 is independently selected from the group consisting of glutamic acid and ornithine

<220>
<221> VARIANT
<222> 9..9
<223> amino acid X1 is independently selected from the group consisting of glutamic acid and ornithine

<220>
<221> VARIANT
<222> 10..10
<223> amino acid X4 is independently selected from the group consisting glutamine, glutamic acid, serine, threonine and ornithine

<220>
<221> VARIANT
<222> 11..11
<223> amino acid X4 is independently selected from the group consisting glutamine, glutamic acid, serine, threonine and ornithine

<400> 4
Xaa Xaa Xaa Phe Xaa Trp Xaa Phe Xaa Xaa Xaa
1 5 10

<210> 5
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> consensus sequence 5 of self-assembling peptides

<220>
<221> VARIANT
<222> 5..5
<223> amino acid X1 is independently selected from the group consisting
of glutamic acid and ornithine

<220>
<221> VARIANT
<222> 7..7
<223> amino acid X1 is independently selected from the group consisting
of glutamic acid and ornithine

<220>
<221> VARIANT
<222> 9..9
<223> amino acid X1 is independently selected from the group consisting
of glutamic acid and ornithine

<400> 5
Gln Gln Arg Phe Xaa Trp Xaa Phe Xaa Gln Gln
1 5 10

<210> 6
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> P11-4

<400> 6
Gln Gln Arg Phe Glu Trp Glu Phe Glu Gln Gln
1 5 10

<210> 7
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> P11-2

<400> 7
Gln Gln Arg Phe Gln Trp Gln Phe Glu Gln Gln
1 5 10

<210> 8
<211> 11

<212> PRT
<213> Artificial Sequence

<220>
<223> P11-5

<220>
<221> MOD_RES
<222> 5..5
<223> ornithine

<220>
<221> MOD_RES
<222> 7..7
<223> ornithine

<400> 8
Gln Gln Arg Phe Xaa Trp Xaa Phe Gln Gln Gln
1   5   10

<210> 9
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> P11-8

<220>
<221> MOD_RES
<222> 5..5
<223> ornithine

<220>
<221> MOD_RES
<222> 7..7
<223> ornithine

<400> 9
Gln Gln Arg Phe Xaa Trp Xaa Phe Glu Gln Gln
1   5   10

<210> 10
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> P11-12

<220>
<221> MOD_RES
<222> 5..5
<223> ornithine

<220>
<221> MOD_RES
<222> 7..7
<223> ornithine

<400> 10
Ser Ser Arg Phe Xaa Trp Xaa Phe Glu Ser Ser
1   5   10

<210> 11
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> P11-13

<400> 11
Glu Gln Glu Phe Glu Trp Glu Phe Glu Gln Glu
1   5   10

<210> 12
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> P11-14

<220>
<221> MOD_RES
<222> 3..3
<223> ornithine

<220>
<221> MOD_RES
<222> 5..5
<223> ornithine

<220>
<221> MOD_RES
<222> 7..7
<223> ornithine

<220>
<221> MOD_RES
<222> 9..9
<223> ornithine

<400> 12
Gln Gln Xaa Phe Xaa Trp Xaa Phe Xaa Gln Gln
1   5   10

<210> 13
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> P11-17

<400> 13
Thr Thr Arg Phe Glu Trp Glu Phe Glu Thr Thr
1   5   10

<210> 14
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> P11-19

<220>
<221> MOD_RES
<222> 5..5
<223> ornithine

<220>
<221> MOD_RES
<222> 7..7
<223> ornithine

<400> 14
Gln Gln Arg Gln Xaa Gln Xaa Gln Glu Gln Gln
1   5   10

<210> 15
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> P11-20

<400> 15
Gln Gln Arg Gln Glu Gln Glu Gln Glu Gln Gln
1   5   10

<210> 16
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> 1..1
<223> ornithine

<220>
<223> P11-28

<220>
<221> MOD_RES
<222> 3..3
<223> ornithine

<220>
<221> MOD_RES
<222> 5..5
<223> ornithine

<220>
<221> MOD_RES
<222> 7..7
<223> ornithine

<220>
<221> MOD_RES
<222> 9..9
<223> ornithine

<220>
<221> MOD_RES
<222> 11..11
<223> ornithine

<400> 16
Xaa Gln Xaa Phe Xaa Trp Xaa Phe Xaa Gln Xaa
1   5   10

<210> 17
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> P11-29

<400> 17
Gln Gln Glu Phe Glu Trp Glu Phe Glu Gln Gln
1   5   10

<210> 18
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> 1..1
<223> ACETYLATION

<220>
<223> P11-4mod

<220>
<221> MOD_RES
<222> 11..11
<223> AMIDATION

<400> 18
Gln Gln Arg Phe Glu Trp Glu Phe Glu Gln Gln
1   5   10

<210> 19
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> 1..1
<223> ACETYLATION

<220>
<223> P11-2mod

<220>
<221> MOD_RES

<222> 11..11
<223> AMIDATION

<400> 19
Gln Gln Arg Phe Gln Trp Gln Phe Glu Gln Gln
1   5   10

<210> 20
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> 1..1
<223> ACETYLATION

<220>
<223> P11-5mod

<220>
<221> MOD_RES
<222> 5..5
<223> ornithine

<220>
<221> MOD_RES
<222> 7..7
<223> ornithine

<220>
<221> MOD_RES
<222> 11..11
<223> AMIDATION

<400> 20
Gln Gln Arg Phe Xaa Trp Xaa Phe Gln Gln Gln
1   5   10

<210> 21
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> 1..1
<223> ACETYLATION

<220>
<223> P11-8mod

<220>
<221> MOD_RES
<222> 5..5
<223> ornithine

<220>
<221> MOD_RES
<222> 7..7
<223> ornithine

<220>
<221> MOD_RES
<222> 11..11
<223> AMIDATION

<400> 21
Gln Gln Arg Phe Xaa Trp Xaa Phe Glu Gln Gln
1   5   10

<210> 22
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> 1..1
<223> ACETYLATION

<220>
<223> P11-12mod

<220>
<221> MOD_RES
<222> 5..5
<223> ornithine

<220>
<221> MOD_RES
<222> 7..7
<223> ornithine

<220>
<221> MOD_RES
<222> 11..11
<223> AMIDATION

<400> 22
Ser Ser Arg Phe Xaa Trp Xaa Phe Glu Ser Ser
1   5   10

<210> 23
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> 1..1
<223> ACETYLATION

<220>
<223> P11-13mod

<220>
<221> MOD_RES
<222> 11..11
<223> AMIDATION

<400> 23
Glu Gln Glu Phe Glu Trp Glu Phe Glu Gln Glu
1   5   10

<210> 24
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> 1..1
<223> ACETYLATION

<220>
<223> P11-14mod

<220>
<221> MOD_RES
<222> 3..3
<223> ornithine

<220>
<221> MOD_RES
<222> 5..5
<223> ornithine

<220>
<221> MOD_RES
<222> 7..7
<223> ornithine

<220>
<221> MOD_RES
<222> 9..9
<223> ornithine

<220>
<221> MOD_RES
<222> 11..11
<223> AMIDATION

<400> 24
Gln Gln Xaa Phe Xaa Trp Xaa Phe Xaa Gln Gln
1   5   10

<210> 25
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> 1..1
<223> ACETYLATION

<220>
<223> P11-17mod

<220>
<221> MOD_RES
<222> 11..11
<223> AMIDATION

<400> 25
Thr Thr Arg Phe Glu Trp Glu Phe Glu Thr Thr
1   5   10

<210> 26
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES

<222> 1..1
<223> ACETYLATION

<220>
<223> P11-19mod

<220>
<221> MOD_RES
<222> 5..5
<223> ornithine

<220>
<221> MOD_RES
<222> 7..7
<223> ornithine

<220>
<221> MOD_RES
<222> 11..11
<223> AMIDATION

<400> 26
Gln Gln Arg Gln Xaa Gln Xaa Gln Glu Gln Gln
1   5   10

<210> 27
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> 1..1
<223> ACETYLATION

<220>
<223> P11-20mod

<220>
<221> MOD_RES
<222> 11..11
<223> AMIDATION

<400> 27
Gln Gln Arg Gln Glu Gln Glu Gln Glu Gln Gln
1   5   10

<210> 28
<211> 11

<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> 1..1
<223> ACETYLATION

<220>
<221> MOD_RES
<222> 1..1
<223> ornithine

<220>
<223> P11-28mod

<220>
<221> MOD_RES
<222> 3..3
<223> ornithine

<220>
<221> MOD_RES
<222> 5..5
<223> ornithine

<220>
<221> MOD_RES
<222> 7..7
<223> ornithine

<220>
<221> MOD_RES
<222> 9..9
<223> ornithine

<220>
<221> MOD_RES
<222> 11..11
<223> ornithine

<220>
<221> MOD_RES
<222> 11..11
<223> AMIDATION

<400> 28
Xaa Gln Xaa Phe Xaa Trp Xaa Phe Xaa Gln Xaa
1   5   10

<210> 29
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> 1..1
<223> ACETYLATION

<220>
<223> P11-29mod

<220>
<221> MOD_RES
<222> 11..11
<223> AMIDATION

<400> 29
Gln Gln Glu Phe Glu Trp Glu Phe Glu Gln Gln
1   5   10

<210> 30
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> P11-16

<220>
<221> MOD_RES
<222> 5..5
<223> ornithine

<220>
<221> MOD_RES
<222> 7
<223> ornithine

<400> 30
Asn Asn Arg Phe Xaa Trp Xaa Phe Glu Asn Asn
1   5   10

<210> 31
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> P11-18

<220>
<221> MOD_RES
<222> 5..5
<223> ornithine

<220>
<221> MOD_RES
<222> 7
<223> ornithine

<400> 31
Thr Thr Arg Phe Xaa Trp Xaa Phe Glu Thr Thr
1   5   10

<210> 32
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> P11-26

<220>
<221> MOD_RES
<222> 3
<223> ornithine

<220>
<221> MOD_RES
<222> 5
<223> ornithine

<220>
<221> MOD_RES
<222> 7
<223> ornithine

<220>
<221> MOD_RES
<222> 9
<223> ornithine

<400> 32
Gln Gln Xaa Gln Xaa Gln Xaa Gln Xaa Gln Gln
1   5   10

<210> 33
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> P11-31

<220>
<221> MOD_RES
<222> 3
<223> ornithine

<220>
<221> MOD_RES
<222> 5
<223> ornithine

<220>
<221> MOD_RES
<222> 7
<223> ornithine

<220>
<221> MOD_RES
<222> 9
<223> ornithine

<400> 33
Ser Ser Xaa Phe Xaa Trp Xaa Phe Xaa Ser Ser
1   5   10