SEQUENCE LISTING

<110> Singapore Health Services Pte Ltd
Agency for Science, Technology and Research

<120> MULTIMERIC FORMS OF ANTIMICROBIAL PEPTIDES

<130> SG1997A

<150> US 61/046,584
<151> 2008-04-21

<160> 58

<170> PatentIn version 3.4

<210> 1
<211> 45
<212> PRT
<213> Homo sapien

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Gly Ile Ile Asn Thr Leu Gln Lys Tyr Tyr Cys Arg Val Arg Gly Gly
1 5 10 15

Arg Cys Ala Val Leu Ser Cys Leu Pro Lys Glu Glu Gln Ile Gly Lys
20 25 30

Cys Ser Thr Arg Gly Arg Lys Cys Cys Arg Arg Lys Lys
35 40 45

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<223> X comprises any amino acid or may be absent

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20 25 30

Xaa Ser Thr Arg Gly Arg Lys Xaa Xaa Arg Arg Xaa Xaa
35 40 45

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Arg Xaa Ala Val Leu Ser Xaa Leu Pro Lys Glu Glu Gln Ile Gly Lys
20 25 30

Xaa Ser Thr Arg Gly Arg Lys Xaa Xaa Arg Arg
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Lys Tyr Tyr Xaa Arg Val Arg Gly Gly Arg Xaa Ala Val Leu Ser Xaa
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Leu Pro Lys Glu Glu Gln Ile Gly Lys Xaa Ser Thr Arg Gly Arg Lys
20 25 30

Xaa Xaa Arg Arg Xaa Xaa
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Tyr Xaa Arg Val Arg Gly Gly Arg Xaa Ala Val Leu Ser Xaa Leu Pro
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Lys Glu Glu Gln Ile Gly Lys Xaa Ser Thr Arg Gly Arg Lys Xaa Xaa
20 25 30

Arg Arg Xaa Xaa
35

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Leu Gln Lys Tyr Tyr Xaa Arg Val Arg Gly Gly Arg Xaa Ala Val Leu
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Ser Xaa Leu Pro Lys Glu Glu Gln Ile Gly Lys Xaa Ser Thr Arg Gly
20 25 30

Arg Lys Xaa Xaa Arg Arg Xaa Xaa
35 40

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Xaa Ser Thr Arg Gly Arg Lys Xaa Xaa Arg Arg Xaa Xaa
20 25

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Arg Arg Xaa Xaa
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Lys Tyr Tyr Xaa Arg Val Arg Gly Gly Arg Xaa Ala Val Leu Ser Xaa
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Leu Pro Lys

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Arg

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Trp Ser Thr Arg Gly Arg Lys Trp Trp Arg Arg Xaa Xaa
        35                  40                  45
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<400> 13

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            20                  25                  30

Phe Ser Thr Arg Gly Arg Lys Phe Phe Arg Arg Xaa Xaa
        35                  40                  45
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<400> 14

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1               5                  10                  15
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Tyr Ser Thr Arg Gly Arg Lys Tyr Tyr Arg Arg Xaa Xaa
35 40 45

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Arg Ser Ala Val Leu Ser Ser Leu Pro Lys Glu Glu Gln Ile Gly Lys
20 25 30

Ser Ser Thr Arg Gly Arg Lys Ser Ser Arg Arg Xaa Xaa
35 40 45

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Arg Ala Ala Val Leu Ser Ala Leu Pro Lys Glu Glu Gln Ile Gly Lys
20 25 30

Ala Ser Thr Arg Gly Arg Lys Ala Ala Arg Arg Xaa Xaa
35 40 45

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20 25 30

Xaa Ser Thr Arg Gly Arg Lys Xaa Xaa Arg Arg Xaa Xaa
35 40 45

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20 25 30

Xaa Ser Thr Arg Gly Arg Lys Xaa Xaa Arg Arg Xaa Xaa
35 40 45

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20 25 30

Xaa Ser Thr Arg Gly Arg Lys Xaa Xaa Arg Arg Xaa Xaa
35 40 45

<210> 20
<211> 45
<212> PRT
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<220>
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<220>
<221> X
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Arg Xaa Xaa Val Leu Ser Ala Leu Pro Lys Glu Glu Gln Ile Gly Lys
20 25 30

Xaa Ser Thr Arg Gly Arg Lys Xaa Xaa Arg Arg Xaa Xaa
35 40 45

<210> 21
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<223> X comprises C(4-MeBzl)

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20 25 30

Xaa Ser Thr Arg Gly Arg Lys Xaa Xaa Arg Arg Xaa Xaa
35 40 45

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<221> X
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Arg Xaa Xaa Val Leu Ser Ala Leu Pro Lys Glu Glu Gln Ile Gly Lys
20 25 30

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35 40 45

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Arg Xaa Xaa Val Leu Ser Ala Leu Pro Lys Glu Glu Gln Ile Gly Lys
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Xaa Ser Thr Arg Gly Arg Lys Xaa Xaa Arg Arg Xaa Xaa
35 40 45

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20 25 30

Xaa Ser Thr Arg Gly Arg Lys Xaa Xaa Arg Arg Xaa Xaa
35 40 45

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<223> X comprises any amino acid

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<210> 29
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Arg Gly Arg Lys His His Arg Arg Xaa Xaa
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<211> 10
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<210> 35
<211> 10
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with X

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<223> X comprises any amino acid

<400> 36

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<210> 39
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Arg Gly Arg Lys His His Arg Arg
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<222> (5)..(6)
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<220>
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<400> 44

Arg Gly Arg Lys Val Val Arg Arg
1 5

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<220>
<223> hBD3 derived peptide, V2 monomer and KK residues. 10 aa

<400> 45

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<210> 46
<211> 10
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<220>
<223> V4 monomer, V4-10 AA

<400> 46

Arg Gly Arg Lys Val Val Arg Arg Val Val
1 5 10

<210> 47
<211> 10
<212> PRT
<213> artificial

<220>
<223> Y4 monomer (Y4-10 AA)

<400> 47

Arg Gly Arg Lys Tyr Tyr Arg Arg Tyr Tyr
1 5 10

<210> 48
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<213> artificial

<220>
<223> W4 monomer, W4-10 AA

<400> 48

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1 5 10

<210> 49
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<220>
<223> hBD3 derived peptide, V3 monomer

<400> 49

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1 5

<210> 50
<211> 8
<212> PRT
<213> artificial

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<400> 50

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1 5

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<223> hBD3 derived peptide, V2D monomer

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1 5

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<211> 8
<212> PRT
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<220>
<223> hBD3 derived peptide, E2 monomer

<400> 52

Arg Gly Arg Lys Glu Glu Arg Arg
1 5

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<211> 8
<212> PRT
<213> artificial

<220>
<223> hBD3 derived peptide, K2 monomer

<400> 53

Arg Gly Arg Lys Lys Lys Arg Arg
1 5

<210> 54
<211> 10
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<220>
<223> peptide comprising 10 arginines (R)

<400> 54

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1 5 10

<210> 55
<211> 4
<212> PRT
<213> artificial

<220>
<223> peptide comprising 4 valines (V)

<400> 55

Val Val Val Val
1

<210> 56
<211> 4
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<220>
<223> peptide comprising 4 tyrosines (Y)

<400> 56

Tyr Tyr Tyr Tyr
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<213> artificial

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<210> 58
<211> 9
<212> PRT
<213> artificial

<220>
<223> SEQ ID NO: 57 + K

<400> 58

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