SEQUENCE LISTING

<110> TYMIANSKI, MICHAEL

<120> THERAPY FOR SUBARACHNOID HEMORRHAGE AND ISCHEMIA

<130> 057769-427647

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<150> 61/617,001
<151> 2012-03-28

<150> CA 2762338
<151> 2011-12-15

<150> 61/570,264
<151> 2011-12-13

<160> 69

<170> PatentIn version 3.5

<210> 1
<211> 10
<212> PRT
<213> Human immunodeficiency virus

<400> 1
Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 2
<211> 11
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<213> Human immunodeficiency virus

<400> 2
Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 3
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<213> Human immunodeficiency virus

<400> 3
Phe Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 4
<211> 12
<212> PRT
<213> Human immunodeficiency virus

<400> 4
Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Gln
1 5 10

<210> 5
<211> 9
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<213> Homo sapiens

<400> 5
Lys Leu Ser Ser Ile Glu Ser Asp Val
1 5

<210> 6
<211> 20
<212> PRT
<213> Human immunodeficiency virus

<400> 6
Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Lys Leu Ser Ser Ile
1 5 10 15

Glu Ser Asp Val
20

<210> 7
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
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<220>
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<223> Glu, Gln, Ala or an analogue thereof

<220>
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<222> (2)..(2)
<223> Thr or Ser

<220>
<221> MOD_RES
<222> (4)..(4)
<223> Ala, Gln, Asp, Asn, (N-methyl)-Ala, (N-methyl)-Gln, (N-methyl)-Asp, (N-methyl)-Asn or an analogue thereof

<220>
<223> See specification as filed for detailed description of substitutions and preferred embodiments

<400> 7
Xaa Xaa Xaa Val
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<210> 8
<211> 22
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<213> Human immunodeficiency virus

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<223> D-amino acid residues

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Val Asp Ser Glu Ile Ser Ser Leu Lys Arg Arg Arg Gln Arg Arg Lys

1 5 10 15

Lys Arg Gly Tyr Ile Asn
20

<210> 9
<211> 20
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<213> Human immunodeficiency virus

<400> 9
Arg Arg Arg Gln Arg Arg Lys Lys Arg Gly Tyr Lys Leu Ser Ser Ile
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Glu Ser Asp Val
20

<210> 10
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<400> 10
Ile Glu Ser Asp Val
1 5

<210> 11
<211> 20
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Phe Asn Gly Ser Ser Asn Gly His Val Tyr Glu Lys Leu Ser Ser Ile
1 5 10 15

Glu Ser Asp Val
20

<210> 12
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<212> PRT
<213> Homo sapiens

<400> 12
Glu Ser Asp Val
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<210> 13
<211> 20
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<213> Homo sapiens

<400> 13
His Pro Thr Asp Ile Thr Gly Pro Leu Asn Leu Ser Asp Pro Ser Val
1 5 10 15

Ser Thr Val Val
20

<210> 14
<211> 20
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<213> Homo sapiens

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Arg Arg Ala Ile Glu Arg Glu Glu Gly Gln Leu Gln Leu Cys Ser Arg
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His Arg Glu Ser
20

<210> 15
<211> 20
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<213> Homo sapiens

<400> 15
Thr Gln Gly Phe Pro Gly Pro Cys Thr Trp Arg Arg Ile Ser Ser Leu
1 5 10 15

Glu Ser Glu Val
20

<210> 16
<211> 20
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<213> Homo sapiens

<400> 16
Ala Val Ser Arg Lys Thr Glu Leu Glu Glu Tyr Gln Arg Thr Ser Arg
1 5 10 15

Thr Cys Glu Ser
20

<210> 17
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<213> Homo sapiens

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Leu Asn Ser Cys Ser Asn Arg Arg Val Tyr Lys Lys Met Pro Ser Ile
1 5 10 15

Glu Ser Asp Val
20

<210> 18
<211> 20
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<213> Homo sapiens

<400> 18
Gly Gly Asp Leu Gly Thr Arg Arg Gly Ser Ala His Phe Ser Ser Leu
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Glu Ser Glu Val

20

<210> 19
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<213> Homo sapiens

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Gln Pro Thr Pro Thr Leu Gly Leu Asn Leu Gly Asn Asp Pro Asp Arg
1 5 10 15

Gly Thr Ser Ile
20

<210> 20
<211> 20
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<213> Homo sapiens

<400> 20
Met Gln Ser Ile Pro Cys Met Ser His Ser Ser Gly Met Pro Leu Gly
1 5 10 15

Ala Thr Gly Leu
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<210> 21
<211> 20
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<213> Homo sapiens

<400> 21
Gln Asn Phe Ala Thr Tyr Lys Glu Gly Tyr Asn Val Tyr Gly Ile Glu
1 5 10 15

Ser Val Lys Ile
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<210> 22
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<213> Homo sapiens

<400> 22
Gln Asn Tyr Ala Thr Tyr Arg Glu Gly Tyr Asn Val Tyr Gly Thr Glu
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Ser Val Lys Ile
20

<210> 23
<211> 20
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<213> Homo sapiens

<400> 23
His Thr Gly Thr Ala Ile Arg Gln Ser Ser Gly Leu Ala Val Ile Ala
1 5 10 15

Ser Asp Leu Pro
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<210> 24
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<213> Homo sapiens

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Glu Thr Val Ala
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<210> 25
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<213> Homo sapiens

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Glu Val Ile Asn Met His Thr Phe Asn Asp Arg Arg Leu Pro Gly Lys
1 5 10 15

Glu Thr Met Ala
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<210> 26
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<213> Human immunodeficiency virus

<400> 26
Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro
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<210> 27
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<213> Homo sapiens

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Ser Thr Val Val
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<210> 28
<211> 4
<212> PRT
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<210> 29
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Glu Ser Glu Val
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<400> 31
Gly Thr Ser Ile
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<400> 32
Ala Thr Gly Leu
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<210> 33
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<212> PRT
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<400> 33
Ser Val Lys Ile
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<210> 34
<211> 4
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<400> 34
Ser Asp Leu Pro
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<210> 35
<211> 4
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<400> 35
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<210> 36
<211> 4
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<213> Homo sapiens

<400> 36
Glu Thr Met Ala
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<210> 37
<211> 20
<212> PRT
<213> Human immunodeficiency virus

<400> 37
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1 5 10 15

Glu Thr Asp Val
20

<210> 38
<211> 4
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<220>
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<220>
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<222> (3)..(3)
<223> Asp, Glu, Gln or Asn

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<222> (4)..(4)
<223> Val or Leu

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<211> 4
<212> PRT
<213> Homo sapiens

<400> 39
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<210> 40
<211> 4

<212> PRT
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<400> 40
Glu Thr Glu Val
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<210> 41
<211> 4
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<400> 41
Asp Thr Asp Val
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<210> 42
<211> 4
<212> PRT
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<400> 42
Asp Thr Glu Val
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<210> 43
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<400> 43
Lys Leu Ser Ser Ile Glu Thr Asp Val
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<210> 44
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<220>
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<400> 44
Gly Ser Ser Ser Ser
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<210> 45
<211> 5
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<220>
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<400> 45
Thr Gly Glu Lys Pro
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<210> 46
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<220>
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<400> 46
Gly Gly Arg Arg Gly Gly Gly Ser
1 5

<210> 47
<211> 9
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<220>
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<400> 47
Leu Arg Gln Arg Asp Gly Glu Arg Pro
1 5

<210> 48
<211> 13
<212> PRT
<213> Human immunodeficiency virus

<400> 48
Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Gln
1 5 10

<210> 49
<211> 11
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<220>
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<223> Any amino acid other than Tyr or not present

<400> 49
Xaa Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 50
<211> 11
<212> PRT
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<220>
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<222> (1)..(1)
<223> Any amino acid or not present

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1 5 10

<210> 51
<211> 10
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<223> Any amino acid or not present

<400> 51
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1 5 10

<210> 52
<211> 11
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<223> Any amino acid or not present

<400> 52
Xaa Gly Ala Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 53
<211> 10
<212> PRT
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<220>
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<222> (1)..(1)
<223> Any amino acid or not present

<400> 53
Xaa Ala Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 54
<211> 11
<212> PRT
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<223> Any amino acid or not present

<400> 54
Xaa Gly Arg Lys Ala Arg Arg Gln Arg Arg Arg
1 5 10

<210> 55
<211> 10
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<210> 56
<211> 11
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Xaa Gly Arg Lys Lys Ala Arg Gln Arg Arg Arg
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<210> 57
<211> 10
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<210> 58
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<220>
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<220>
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<223> Any amino acid or not present

<400> 59
Xaa Arg Lys Lys Arg Arg Gln Ala Arg Arg
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<210> 60
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<400> 60

Xaa Gly Arg Lys Lys Arg Arg Gln Arg Ala Arg
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<210> 61
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

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<400> 61
Xaa Arg Lys Lys Arg Arg Gln Arg Ala Arg
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<210> 62
<211> 12
<212> PRT
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<221> MOD_RES
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<400> 62
Xaa Arg Arg Pro Arg Arg Pro Arg Arg Pro Arg Arg
1 5 10

<210> 63
<211> 12
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<400> 63
Xaa Arg Arg Ala Arg Arg Ala Arg Arg Ala Arg Arg
1 5 10

<210> 64
<211> 11
<212> PRT
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<220>
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peptide

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<210> 65
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<210> 66
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<213> Artificial Sequence

<220>
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<400> 66
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<210> 67
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<220>
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<222> (1)..(1)
<223> Any amino acid or not present

<400> 67
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1 5

<210> 68
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 68
Gly Leu Gly Phe
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<210> 69
<211> 12
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<213> Artificial Sequence

<220>
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<223> Any amino acid or not present

<400> 69
Xaa Phe Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10