SEQUENCE LISTING

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<120> KNOTTIN-IMMUNOSTIMULANT CONJUGATES AND RELATED COMPOSITIONS AND METHODS

<130> STAN-1651WO

<150> US 62/908,305
<151> 2019-09-30

<160> 45

<170> PatentIn version 3.5

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Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys Gly
            20   25

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Cys Val Arg Leu His Glu Ser Cys Leu Gly Gln Gln Val Pro Cys Cys
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Asp Pro Ala Ala Thr Cys Tyr Cys Arg Phe Phe Asn Ala Phe Cys Tyr
            20   25   30

Cys Arg

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Cys Gly Glu Thr Cys Val Gly Gly Thr Cys Asn Thr Pro Gly Cys Thr
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Cys Ser Trp Pro Val Cys Thr Arg Asn Gly Leu Pro Val
            20   25

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Ser Gly Ser Asp Gly Gly Val Cys Pro Lys Ile Leu Lys Lys Cys Arg
1 5 10 15

Arg Asp Ser Asp Cys Pro Gly Ala Cys Ile Cys Arg Gly Asn Gly Tyr
20 25 30

Cys Gly

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Met Cys Met Pro Cys Phe Thr Thr Asp His Gln Met Ala Arg Lys Cys
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Asp Asp Cys Cys Gly Gly Lys Gly Arg Gly Lys Cys Tyr Gly Pro Gln
20 25 30

Cys Leu Cys Arg
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Gly Cys Pro Gln Gly Arg Gly Asp Trp Ala Pro Thr Ser Cys Lys Gln
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Asp Ser Asp Cys Arg Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
20 25 30

Gly

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Gly Cys Pro Arg Pro Arg Gly Asp Asn Pro Pro Leu Thr Cys Ser Gln
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Asp Ser Asp Cys Leu Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
20 25 30

Gly

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Gly Cys Pro Arg Pro Arg Gly Asp Asn Pro Pro Leu Thr Cys Glx Gln
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Asp Ser Asp Cys Leu Ala Gly Cys Val Cys Gly Pro Asn Gly Tyr Cys
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Gly

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Gly Cys Ala Glu Pro Arg Gly Asp Met Pro Trp Thr Trp Cys Lys Gln
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Asp Ser Asp Cys Leu Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly

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Gly Cys Val Gly Gly Arg Gly Asp Trp Ser Pro Lys Trp Cys Lys Gln
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Asp Ser Asp Cys Pro Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly Cys Ala Glu Leu Arg Gly Asp Arg Ser Tyr Pro Glu Cys Lys Gln
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Asp Ser Asp Cys Leu Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly

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Gly Cys Arg Leu Pro Arg Gly Asp Val Pro Arg Pro His Cys Lys Gln
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Asp Ser Asp Cys Gln Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly

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Asp Ser Asp Cys Arg Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly

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Gly Cys Thr Ile Gly Arg Gly Asp Trp Ala Pro Ser Glu Cys Lys Gln
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Asp Ser Asp Cys Leu Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly Cys His Pro Pro Arg Gly Asp Asn Pro Pro Val Thr Cys Lys Gln
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Asp Ser Asp Cys Leu Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly

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Gly Cys Pro Glu Pro Arg Gly Asp Asn Pro Pro Pro Ser Cys Lys Gln
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20 25 30

Gly

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Asp Ser Asp Cys Gln Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly

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Asp Ser Asp Cys Pro Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly

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Asp Ser Asp Cys Pro Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly

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Asp Ser Asp Cys Arg Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
20 25 30

Gly

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Asp Ser Asp Cys Gln Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
20 25 30

Gly

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Gly Cys Ser Glu Ala Arg Gly Asp Asn Pro Arg Leu Ser Cys Lys Gln
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Asp Ser Asp Cys Arg Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly

<210> 25
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<400> 25

Gly Cys Leu Leu Gly Arg Gly Asp Trp Ala Pro Glu Ala Cys Lys Gln
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Asp Ser Asp Cys Arg Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly

<210> 26
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Gly Cys His Val Gly Arg Gly Asp Trp Ala Pro Leu Lys Cys Lys Gln
1 5 10 15

Asp Ser Asp Cys Gln Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly

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<400> 27

Gly Cys Val Arg Gly Arg Gly Asp Trp Ala Pro Pro Ser Cys Lys Gln
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Asp Ser Asp Cys Pro Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly Cys Leu Gly Gly Arg Gly Asp Trp Ala Pro Pro Ala Cys Lys Gln
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Asp Ser Asp Cys Arg Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly

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Gly

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Asp Ser Asp Cys Arg Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly

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Asp Ser Asp Cys Leu Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
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Gly

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Gly Cys Tyr Gln Gly Arg Gly Asp Trp Ser Pro Ser Ser Cys Lys Gln
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Asp Ser Asp Cys Pro Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
            20   25   30

Gly

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Asp Ser Asp Cys Gln Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
20 25 30

Gly

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Asp Ser Asp Cys Pro Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
20 25 30

Gly

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Asp Ser Asp Cys Gln Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
            20   25   30

Gly

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Gly Cys Asp Gly Gly Arg Gly Asp Trp Ala Pro Pro Ala Cys Lys Gln
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Asp Ser Asp Cys Arg Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
            20   25   30

Gly

<210> 37
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Gly Cys Pro Gln Gly Arg Gly Asp Trp Ala Pro Glu Trp Cys Lys Gln
1   5   10   15

Asp Ser Asp Cys Pro Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
            20   25   30

Gly

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<400> 38

Gly Cys Pro Arg Gly Arg Gly Asp Trp Ser Pro Pro Ala Cys Lys Gln
1   5   10   15

Asp Ser Asp Cys Gln Ala Gly Cys Val Cys Gly Pro Asn Gly Phe Cys
            20   25   30

Gly

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<400> 39

Gly Cys Val Arg Leu His Glu Ser Cys Leu Gly Gln Gln Val Pro Cys
1   5   10   15

Cys Asp Pro Ala Ala Thr Cys Tyr Cys Ser Gly Arg Gly Asp Asn Asp
            20   25   30

Leu Val Cys Tyr Cys Arg
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<400> 40

Gly Cys Val Arg Leu His Glu Ser Cys Leu Gly Gln Gln Val Pro Cys
1   5   10   15

Cys Asp Pro Ala Ala Thr Cys Tyr Cys Lys Gly Arg Gly Asp Ala Arg
            20   25   30

Leu Gln Cys Tyr Cys Arg
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Gly Cys Val Arg Leu His Glu Ser Cys Leu Gly Gln Gln Val Pro Cys
1   5   10   15

Cys Asp Pro Ala Ala Thr Cys Tyr Cys Val Gly Arg Gly Asp Asp Asn
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Leu Lys Cys Tyr Cys Arg
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<400> 42

Gly Cys Val Arg Leu His Glu Ser Cys Leu Gly Gln Gln Val Pro Cys
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Cys Asp Pro Ala Ala Thr Cys Tyr Cys Glu Gly Arg Gly Asp Arg Asp
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Met Lys Cys Tyr Cys Arg
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Cys Asp Pro Ala Ala Thr Cys Tyr Cys Tyr Gly Arg Gly Asp Asn Asp
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Leu Arg Cys Tyr Cys Arg
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<212> PRT
<213> Homo sapiens

<400> 45

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Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met
            20                  25                  30


Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His
        35                  40                  45


Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val
    50                  55                  60


His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr
65                  70                  75                  80


Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly
                85                  90                  95


Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile
            100                 105                 110


Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val
        115                 120                 125


Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser
    130                 135                 140


Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu
145                 150                 155                 160


Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro
                165                 170                 175


Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val
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            180                 185                 190

Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met
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His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser
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Pro Gly Lys
225
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