

Sequenzliste

<110> Charité Universitätsmedizin

<120> Mikro- und/oder Nanopartikel-Vakzine zur
prophylaktischen und/oder therapeutischen Anwendung

<130> CHA14479PCT

<150> DE102011018499.6

<151> 2011-04-21

<160> 13

<210> 1

<211> 9

<212> PRT

<213> artificial

<220>

<223> Lipopeptide moiety in immunomodulator

<400> 1

Gly Asp Pro Lys His Pro Lys Ser Phe
1 5

<210> 2

<211> 13

<212> PRT

<213> artificial

<220>

<223> intermediate

<400> 2

Gly Asp Pro Lys His Pro Lys Ser Phe Lys Lys Lys Lys
1 5 10

<210> 3

<211> 14

<212> PRT

<213> artificial

<220>

<223> intermediate, Xaa = S-[2,3-Bis(palmitoyloxy)-(2RS)-propyl]-
[R]-cystein

<400> 3

Xaa Gly Asp Pro Lys His Pro Lys Ser Phe Lys Lys Lys Lys
 1 5 10

<210> 4
 <211> 14
 <212> PRT
 <213> artificial

<220>
 <223> intermediate, Xaa = N-palmitoyl-(S)-[2,3-bis(palmitoyloxy)-(2RS)-propyl]-[R]-cystein

<400> 4

Xaa Gly Asp Pro Lys His Pro Lys Ser Phe Lys Lys Lys Lys
 1 5 10

<210> 5
 <211> 9
 <212> PRT
 <213> artificial

<220>
 <223> Vaccine component, T-Zell-Epitope, from Influenza Matrix protein M1

<400> 5

Gly Ile Leu Gly Phe Val Phe Thr Leu
 1 5

<210> 6
 <211> 9
 <212> PRT
 <213> artificial

<220>
 <223> Vaccine component, T-Zell-Epitope, from the early antigen pp65 of the Cytomegalovirus CMV

<400> 6

Asn Leu Val Pro Met Val Ala Thr Val
 1 5

<210> 7
 <211> 16
 <212> PRT
 <213> artificial

<220>

<400> 7

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<210> 8
<211> 10
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<400> 8

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<211> 15
<212> PRT
<213> artificial
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<400> 9

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<211> 21
<212> PRT
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<400> 10

Xaa Lys Leu Xaa Val Ala Ala Trp Thr Leu Lys Ala Ala Xaa Acp Cys
Lys Lys Lys Lys Lys
1 5 10 15
20

<210> 11
 <211> 14
 <212> PRT
 <213> artificial

<220>
 <223> Vaccine component

<400> 11

Gly Ile Leu Gly Phe Val Phe Thr Leu Lys Lys Lys Lys Lys
 1 5 10

<210> 12
 <211> 13
 <212> PRT
 <213> artificial

<220>
 <223> Vaccine component

<400> 12

Gly Ile Leu Gly Phe Val Phe Thr Leu Lys Lys Lys Lys
 1 5 10

<210> 13
 <211> 20
 <212> PRT
 <213> artificial

<220>
 <223> Vaccine component, Xaa at positions 1 and 14 = D-alanine,
 Xaa at position 4 = cyclohexylalanine

<400> 13

Xaa Lys Leu Xaa Val Ala Ala Trp Thr Leu Lys Ala Ala Xaa Acp Cys
 Lys Lys Lys Lys
 1 5 10 15
 20