SEQUENCE LISTING

<110> SQZ BIOTECHNOLOGIES COMPANY

<120> DELIVERY OF BIOMOLECULES TO PBMCs TO MODIFY AN IMMUNE RESPONSE

<130> 75032-20022.41

<140> Not Yet Assigned
<141> Concurrently Herewith

<150> US 62/948,732
<151> 2019-12-16

<150> US 62/933,304
<151> 2019-11-08

<150> US 62/886,799
<151> 2019-08-14

<150> US 62/841,089
<151> 2019-04-30

<150> EP 19161964.2
<151> 2019-03-11

<150> US 62/812,225
<151> 2019-02-28

<160> 55

<170> FastSEQ for Windows Version 4.0

<210> 1
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<400> 1
Thr Ile His Asp Ile Ile Leu Glu Cys Val
 1   5   10

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<400> 2
Glu Val Tyr Asp Phe Ala Phe Arg Asp Leu
 1   5   10

<210> 3
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<400> 3
Tyr Met Leu Asp Leu Gln Pro Glu Thr Thr
 1   5   10

<210> 4
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<400> 4
Arg Ala His Tyr Asn Ile Val Thr Phe
 1   5

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<400> 5
Leu Pro Gln Leu Ser Thr Glu Leu Gln Thr
 1   5   10

<210> 6
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<400> 6
Gln Leu Cys Thr Glu Leu Gln Thr
 1   5

<210> 7

<211> 7
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<213> Mus musculus

<400> 7
Lys Gln Gln Leu Leu Arg Arg
 1   5

<210> 8
<211> 10
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<213> Mus musculus

<400> 8
Val Tyr Ser Lys Gln Gln Leu Leu Arg Arg
 1   5   10

<210> 9
<211> 10
<212> PRT
<213> Homo sapiens

<400> 9
Met His Gly Asp Thr Pro Thr Leu His Glu
 1   5   10

<210> 10
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<212> PRT
<213> Mus musculus

<400> 10
Gly Gln Ala Glu Pro Asp
 1   5

<210> 11
<211> 16
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<213> Homo sapiens

<400> 11
Tyr Ser Lys Gln Gln Leu Leu Arg Arg Glu Val Tyr Asp Phe Ala Phe
 1   5   10   15

<210> 12
<211> 7
<212> PRT
<213> Homo sapiens

<400> 12
Tyr Cys Lys Gln Gln Leu Leu
 1   5

<210> 13
<211> 8
<212> PRT
<213> Mus musculus

<400> 13
Cys Ile Val Tyr Arg Asp Gly Asn
 1   5

<210> 14
<211> 15
<212> PRT
<213> Mus musculus

<400> 14
Ser Ile Val Tyr Arg Asp Gly Asn Pro Tyr Ala Val Ser Asp Lys
 1   5   10   15

<210> 15
<211> 15
<212> PRT
<213> Homo sapiens

<400> 15
Asp Leu Tyr Cys Tyr Glu Gln Leu Asn Asp Ser Ser Glu Glu Glu
 1   5   10   15

<210> 16
<211> 20
<212> PRT
<213> Mus musculus

<400> 16
Cys Cys Lys Cys Asp Ser Thr Leu Arg Leu Cys Val Gln Ser Thr His
 1   5   10   15
Val Asp Ile Arg
            20

<210> 17
<211> 20
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<213> Mus musculus

<400> 17
Ser Ser Lys Ser Asp Ser Thr Leu Arg Leu Ser Val Gln Ser Thr His

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 1               5                   10                  15
Val Asp Ile Arg
            20
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<210> 18
<211> 36
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<213> Homo sapiens

<400> 18

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Leu Pro Gln Leu Ser Thr Glu Leu Gln Thr Thr Ile His Asp Ile Ile
 1               5                   10                  15
Leu Glu Cys Val Tyr Ser Lys Gln Gln Leu Leu Arg Arg Glu Val Tyr
            20                  25                  30
Asp Phe Ala Phe
        35
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<210> 19
<211> 25
<212> PRT
<213> Homo sapiens

<400> 19

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Gln Leu Cys Thr Glu Leu Gln Thr Thr Ile His Asp Ile Ile Leu Glu
 1               5                   10                  15
Cys Val Tyr Cys Lys Gln Gln Leu Leu
            20                  25
```

<210> 20
<211> 25
<212> PRT
<213> Mus musculus

<400> 20

```
Lys Gln Gln Leu Leu Arg Arg Glu Val Tyr Asp Phe Ala Phe Arg Asp
 1               5                   10                  15
Leu Cys Ile Val Tyr Arg Asp Gly Asn
            20                  25
```

<210> 21
<211> 35
<212> PRT
<213> Mus musculus

<400> 21

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Val Tyr Ser Lys Gln Gln Leu Leu Arg Arg Glu Val Tyr Asp Phe Ala
 1               5                   10                  15
Phe Arg Asp Leu Ser Ile Val Tyr Arg Asp Gly Asn Pro Tyr Ala Val
            20                  25                  30
Ser Asp Lys
```

35

<210> 22
<211> 35
<212> PRT
<213> Homo sapiens

<400> 22
Met His Gly Asp Thr Pro Thr Leu His Glu Tyr Met Leu Asp Leu Gln
 1   5   10   15
Pro Glu Thr Thr Asp Leu Tyr Cys Tyr Glu Gln Leu Asn Asp Ser Ser
            20   25   30
Glu Glu Glu
        35

<210> 23
<211> 25
<212> PRT
<213> Homo sapiens

<400> 23
Gln Leu Cys Thr Glu Leu Gln Thr Tyr Met Leu Asp Leu Gln Pro Glu
 1   5   10   15
Thr Thr Tyr Cys Lys Gln Gln Leu Leu
            20   25

<210> 24
<211> 35
<212> PRT
<213> Mus musculus

<400> 24
Gly Gln Ala Glu Pro Asp Arg Ala His Tyr Asn Ile Val Thr Phe Cys
 1   5   10   15
Cys Lys Cys Asp Ser Thr Leu Arg Leu Cys Val Gln Ser Thr His Val
            20   25   30
Asp Ile Arg
        35

<210> 25
<211> 35
<212> PRT
<213> Mus musculus

<400> 25
Gly Gln Ala Glu Pro Asp Arg Ala His Tyr Asn Ile Val Thr Phe Ser
 1   5   10   15
Ser Lys Ser Asp Ser Thr Leu Arg Leu Ser Val Gln Ser Thr His Val
            20   25   30
Asp Ile Arg

35

<210> 26
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<212> DNA
<213> Artificial Sequence

<220>
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<223> Phosphorothioate bases

<220>
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<222> (3)..(14)
<223> Phosphodiester bases

<400> 26
ggggtcaacg ttgaggggg 20

<210> 27
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
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<223> Phosphorothioate bases

<220>
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<222> (3)..(14)
<223> Phosphodiester bases

<400> 27
gggggacgat cgtcgggggg 20

<210> 28
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
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<220>

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<223> Phosphorothioate bases

<220>
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<222> (4)..(14)
<223> Phosphodiester bases

<400> 28
ggggacgacg tcgtgggggg g 21

<210> 29
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
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<220>
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<222> (1)..(20)
<223> Phosphorothioate bases

<400> 29
tccatgacgt tcctgatgct 20

<210> 30
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<220>
<221> MISC_FEATURE
<222> (1)..(20)
<223> Phosphorothioate bases

<400> 30
tccatgacgt tcctgacgtt 20

<210> 31
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<220>
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<222> (1)..(24)
<223> Phosphorothioate bases

<400> 31
tcgtcgtttt gtcgttttgt cgtt 24

<210> 32
<211> 22
<212> DNA
<213> Bos taurus

<220>
<221> MISC_FEATURE
<222> (1)..(22)
<223> Phosphorothioate bases

<400> 32
tcgtcgttgt cgttttgtcg tt 22

<210> 33
<211> 23
<212> DNA
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<220>
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<220>
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<222> (1)..(23)
<223> Phosphorothioate bases

<400> 33
tcgacgttcg tcgttcgtcg ttc 23

<210> 34
<211> 26
<212> DNA
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<220>
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<221> MISC_FEATURE
<222> (1)..(26)
<223> Phosphorothioate bases

<400> 34
tcgcgacgtt cgcccgacgt tcggta 26

<210> 35
<211> 22
<212> DNA

<213> Artificial Sequence

<220>
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<220>
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<222> (1)..(22)
<223> Phosphorothioate bases

<400> 35
tcgtcgtttt cggcgcgcgc cg 22

<210> 36
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<220>
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<220>
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<222> (1)..(25)
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<400> 36
tcgtcgtcgt tcgaacgacg ttgat 25

<210> 37
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<400> 37
tcgcgaacgt tcgccgcgtt cgaacgcgg 29

<210> 38
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 38

Met His Gly Asp Thr Pro Thr Leu His Glu Tyr Met Leu Asp Leu Gln
 1   5   10   15
Pro Glu Thr Thr Asp Leu Tyr Cys Tyr Glu Gln Leu Asn Asp Ser Ser
            20   25   30
Glu Glu Glu
        35

<210> 39
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 39
Leu Tyr Cys Tyr Glu Gln Leu Asn Asp Ser Ser Glu Glu Glu Asp Glu
 1   5   10   15
Ile Asp Gly Pro Ala Gly Gln Ala Glu Pro Asp Arg Ala His Tyr Asn
            20   25   30
Ile Val Thr
        35

<210> 40
<211> 35
<212> PRT
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<220>
<223> Synthetic Construct

<400> 40
Gly Gln Ala Glu Pro Asp Arg Ala His Tyr Asn Ile Val Thr Phe Cys
 1   5   10   15
Cys Lys Cys Asp Ser Thr Leu Arg Leu Cys Val Gln Ser Thr His Val
            20   25   30
Asp Ile Arg
        35

<210> 41
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 41
Thr Leu Arg Leu Cys Val Gln Ser Thr His Val Asp Ile Arg Thr Leu
 1   5   10   15
Glu Asp Leu Leu Met Gly Thr Leu Gly Ile Val Cys Pro Ile Cys Ser

```
            20                  25                  30
Gln Lys Pro
        35


<210> 42
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 42
Met His Gln Lys Arg Thr Ala Met Phe Gln Asp Pro Gln Glu Arg Pro
 1               5                  10                  15
Arg Lys Leu Pro Gln Leu Cys Thr Glu Leu Gln Thr Thr Ile His Asp
            20                  25                  30


<210> 43
<211> 32
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 43
Leu Pro Gln Leu Cys Thr Glu Leu Gln Thr Thr Ile His Asp Ile Ile
 1               5                  10                  15
Leu Glu Cys Val Tyr Cys Lys Gln Gln Leu Leu Arg Arg Glu Val Tyr
            20                  25                  30


<210> 44
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 44
Lys Gln Gln Leu Leu Arg Arg Glu Val Tyr Asp Phe Ala Phe Arg Asp
 1               5                  10                  15
Leu Cys Ile Val Tyr Arg Asp Gly Asn
            20                  25


<210> 45
<211> 26
<212> PRT
<213> Artificial Sequence
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<220>
<223> Synthetic Construct

<400> 45
Arg Asp Leu Cys Ile Val Tyr Arg Asp Gly Asn Pro Tyr Ala Val Cys
 1   5   10   15
Asp Lys Cys Leu Lys Phe Tyr Ser Lys Ile
            20   25

<210> 46
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 46
Asp Lys Cys Leu Lys Phe Tyr Ser Lys Ile Ser Glu Tyr Arg His Tyr
 1   5   10   15
Cys Tyr Ser Leu Tyr Gly Thr Thr Leu
            20   25

<210> 47
<211> 25
<212> PRT
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<220>
<223> Synthetic Construct

<400> 47
His Tyr Cys Tyr Ser Leu Tyr Gly Thr Thr Leu Glu Gln Gln Tyr Asn
 1   5   10   15
Lys Pro Leu Cys Asp Leu Leu Ile Arg
            20   25

<210> 48
<211> 32
<212> PRT
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<220>
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<400> 48
Tyr Gly Thr Thr Leu Glu Gln Gln Tyr Asn Lys Pro Leu Cys Asp Leu
 1   5   10   15
Leu Ile Arg Cys Ile Asn Cys Gln Lys Pro Leu Cys Pro Glu Glu Lys
            20   25   30

<210> 49
<211> 32
<212> PRT
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<220>
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<400> 49
Arg Cys Ile Asn Cys Gln Lys Pro Leu Cys Pro Glu Glu Lys Gln Arg
 1   5   10   15
His Leu Asp Lys Lys Gln Arg Phe His Asn Ile Arg Gly Arg Trp Thr
            20   25   30

<210> 50
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<212> PRT
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<220>
<223> Synthetic Construct

<400> 50
Asp Lys Lys Gln Arg Phe His Asn Ile Arg Gly Arg Trp Thr Gly Arg
 1   5   10   15
Cys Met Ser Cys Cys Arg Ser Ser Arg Thr Arg Arg Glu Thr Gln Leu
            20   25   30

<210> 51
<211> 35
<212> PRT
<213> Homo sapiens

<400> 51
Pro Pro Trp Gln Ala Gly Ile Leu Ala Arg Asn Leu Val Pro Met Val
 1   5   10   15
Ala Thr Val Gln Gly Gln Asn Leu Lys Tyr Gln Glu Phe Phe Trp Asp
            20   25   30
Ala Asn Asp
        35

<210> 52
<211> 10
<212> PRT
<213> Homo sapiens

<400> 52
Pro Pro Trp Gln Ala Gly Ile Leu Ala Arg
 1   5   10

<210> 53
<211> 16
<212> PRT
<213> Homo sapiens

<400> 53
Gln Gly Gln Asn Leu Lys Tyr Gln Glu Phe Phe Trp Asp Ala Asn Asp
 1   5   10   15

<210> 54
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
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<400> 54
Ser Ile Ile Asn Phe Glu Lys Leu
 1   5

<210> 55
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<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 55
Asn Leu Val Pro Met Val Ala Thr Val
 1   5