FIG. 1 Microparticles of Trastuzumab - Before and After Drying

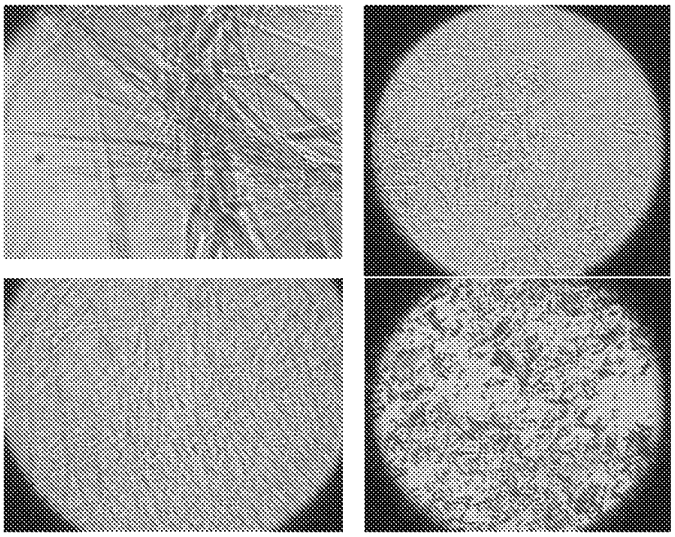


FIG. 2

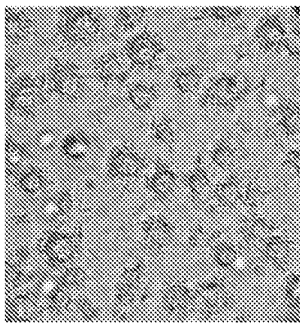


FIG. 3

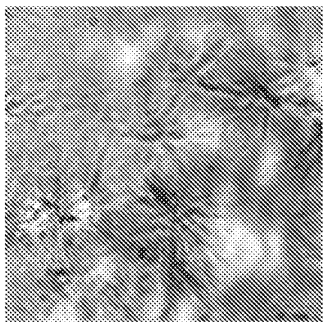


FIG. 4

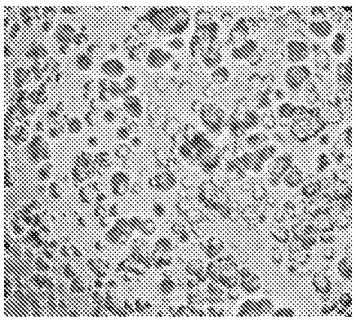


FIG. 5

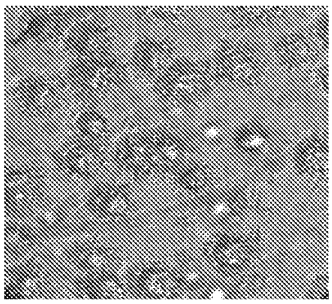


FIG. 6

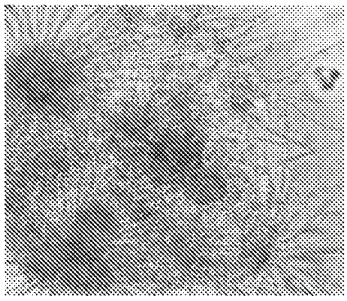


FIG. 7

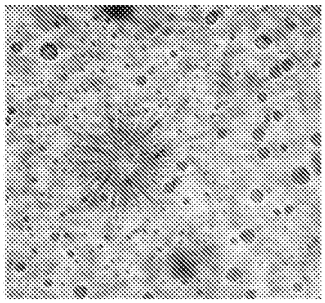


FIG. 8

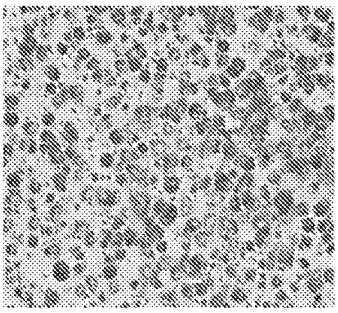


FIG. 9

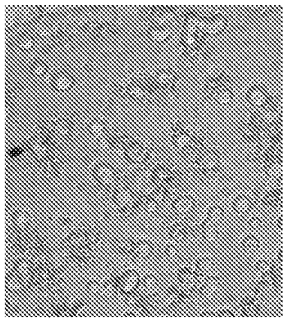


FIG. 10

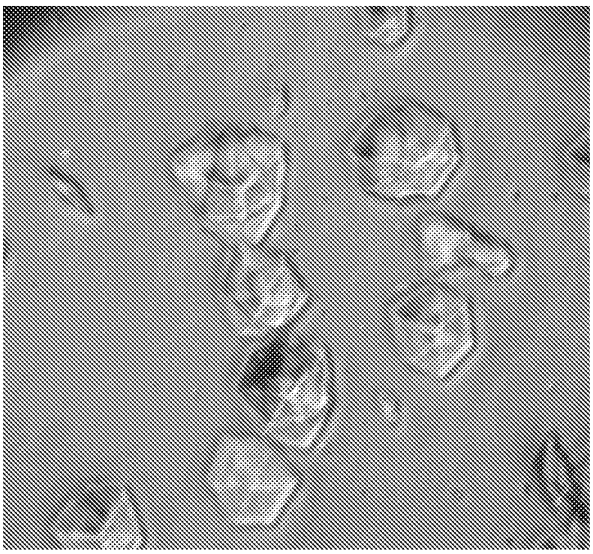


FIG. 11

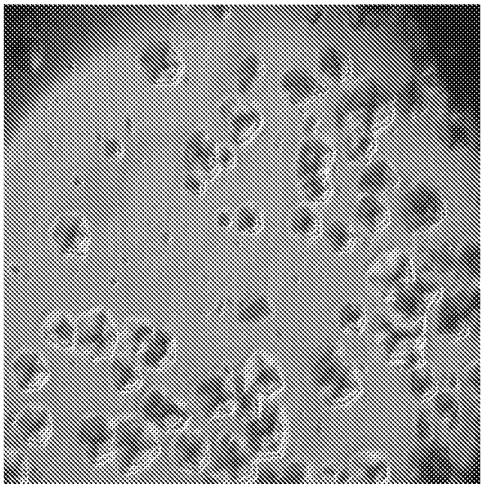


FIG. 12

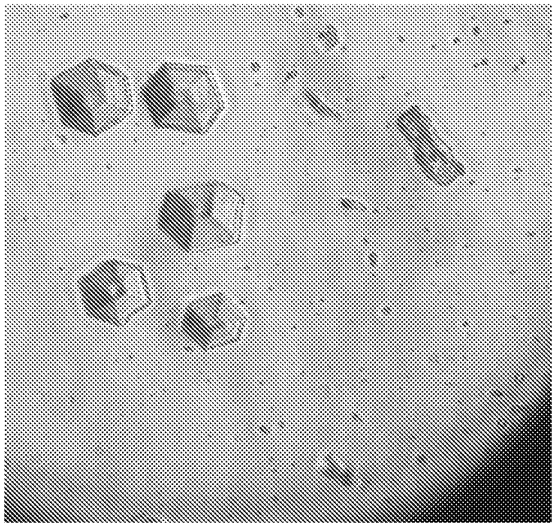


FIG. 13

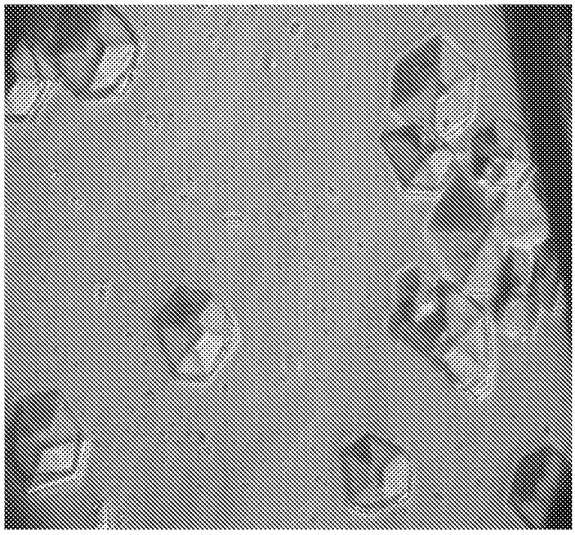


FIG. 14

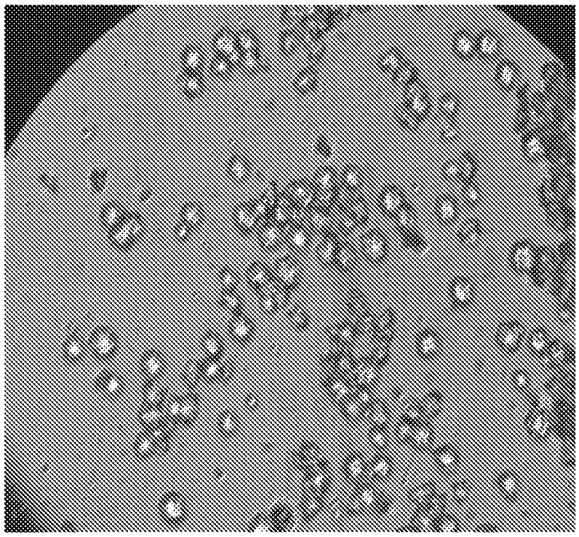


FIG. 15

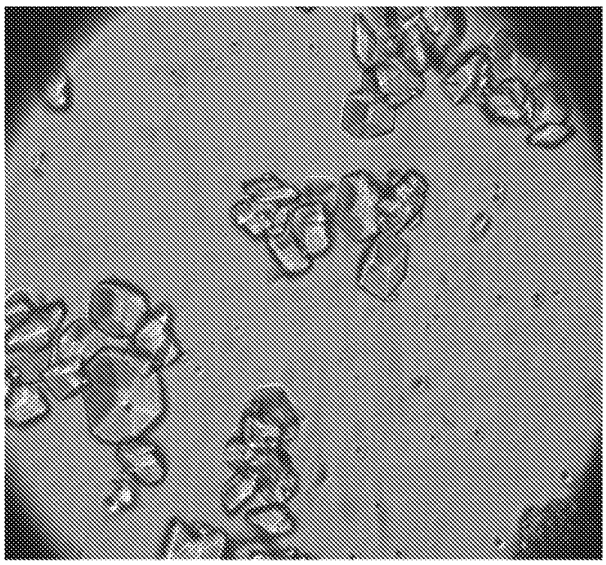


FIG. 16



FIG. 17

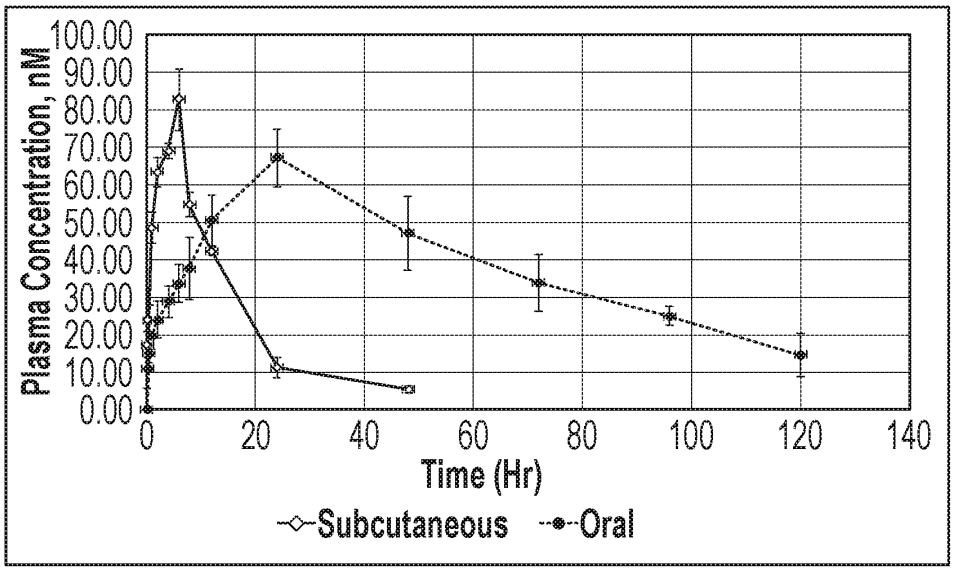

Plasma Concentration, nM
100.00
90.00
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
0
20
40
60
80
100
120
140
Time (Hr)
Subcutaneous
Oral

FIG. 18

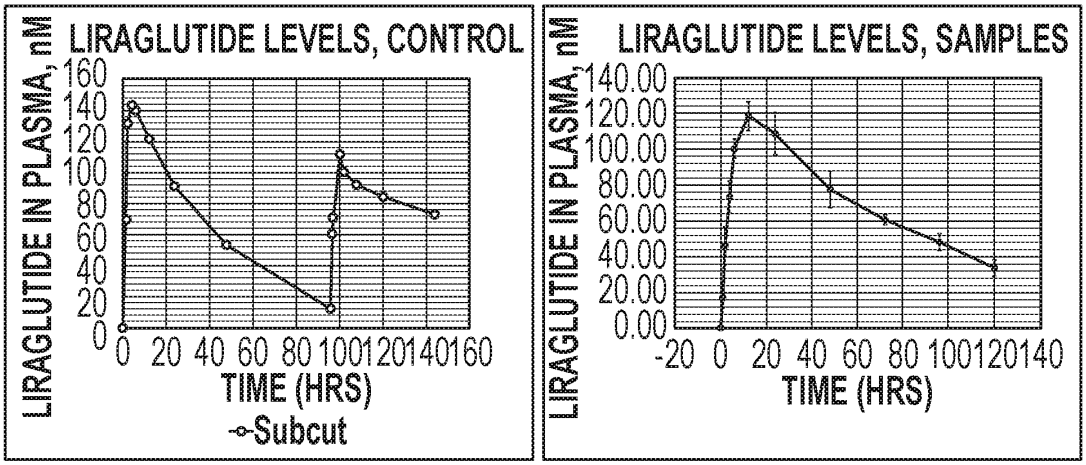
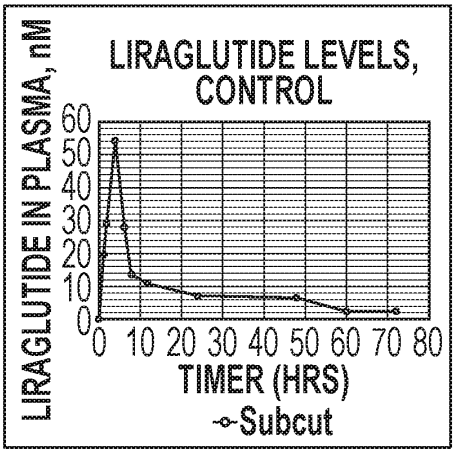

LIRAGLUTIDE LEVELS, CONTROL
LIRAGLUTIDE IN PLASMA, nM
160
140
120
100
80
60
40
20
0
0 20 40 60 80 100 120 140 160
TIME (HRS)
Subcut
LIRAGLUTIDE LEVELS, SAMPLES
LIRAGLUTIDE IN PLASMA, nM
140.00
120.00
100.00
80.00
60.00
40.00
20.00
0.00
-20 0 20 40 60 80 100 120 140
TIME (HRS)

FIG. 19


LIRAGLUTIDE LEVELS, CONTROL
LIRAGLUTIDE IN PLASMA, nM
60
50
40
30
20
10
0
0 10 20 30 40 50 60 70 80
TIMER (HRS)
Subcut

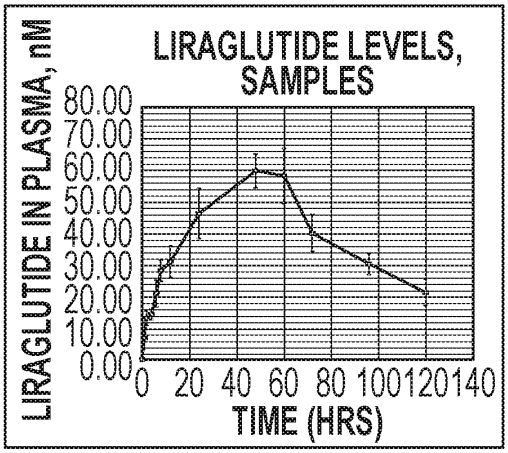

LIRAGLUTIDE LEVELS, SAMPLES
LIRAGLUTIDE IN PLASMA, nM
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
0 20 40 60 80 100120140
TIME (HRS)

FIG. 20

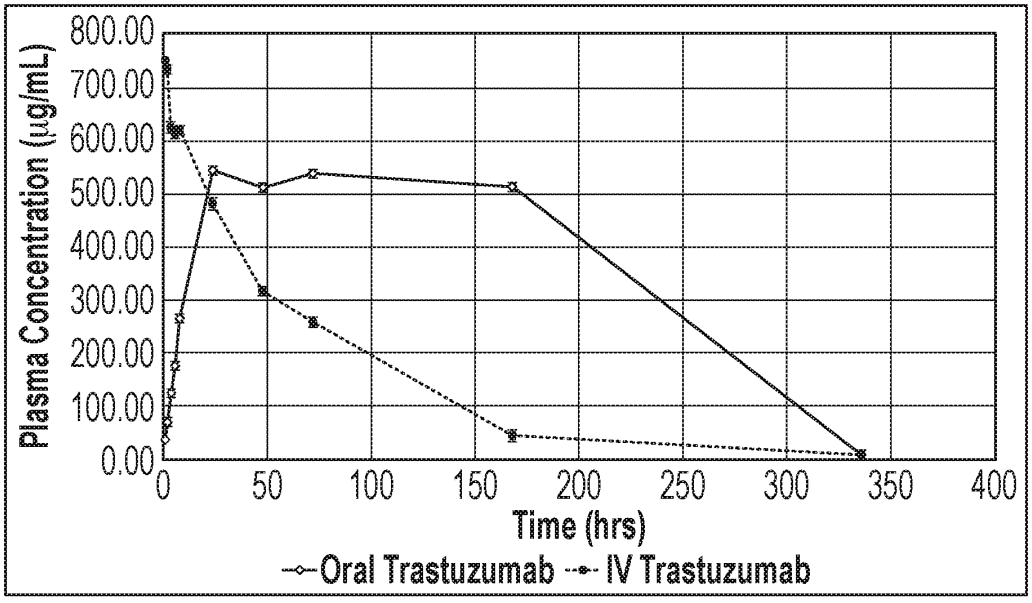

Plasma Concentration (µg/mL)
800.00
700.00
600.00
500.00
400.00
300.00
200.00
100.00
0.00
0
50
100
150
200
250
300
350
400
Time (hrs)
Oral Trastuzumab
IV Trastuzumab

FIG. 21

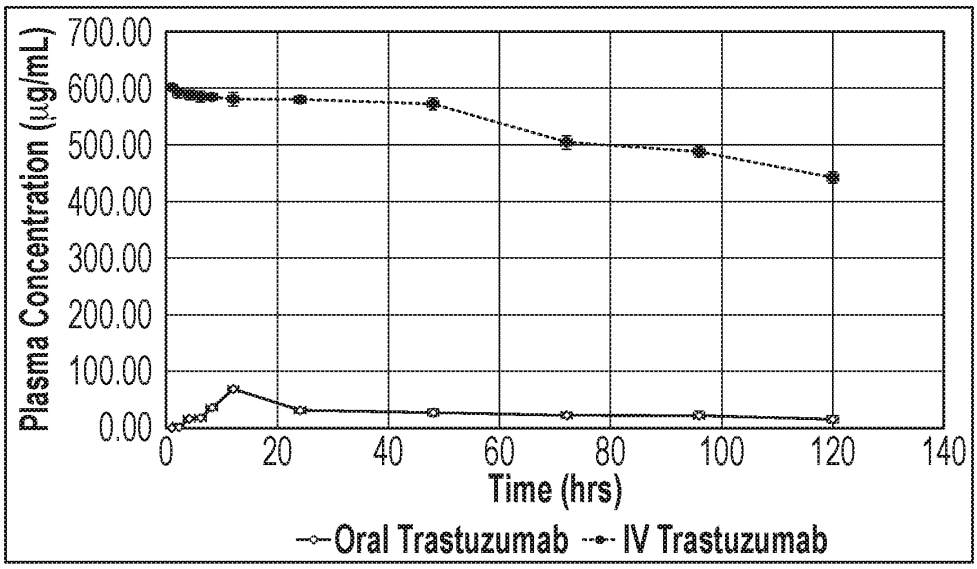

Plasma Concentration (µg/mL)
700.00
600.00
500.00
400.00
300.00
200.00
100.00
0.00
0
20
40
60
80
100
120
140
Time (hrs)
Oral Trastuzumab
IV Trastuzumab

FIG. 22

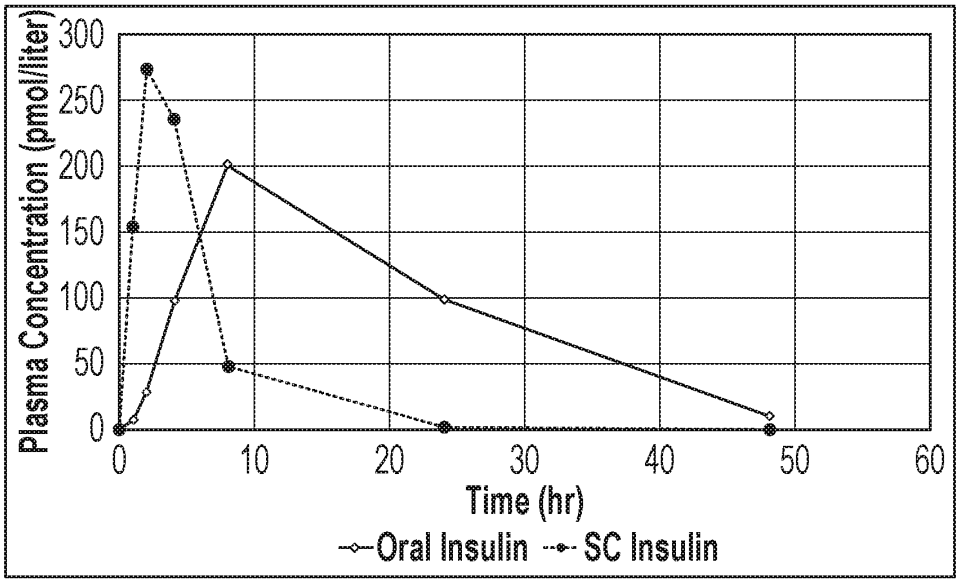

Plasma Concentration (pmol/liter)
300
250
200
150
100
50
0
0
10
20
30
40
50
60
Time (hr)
Oral Insulin
SC Insulin

FIG. 23

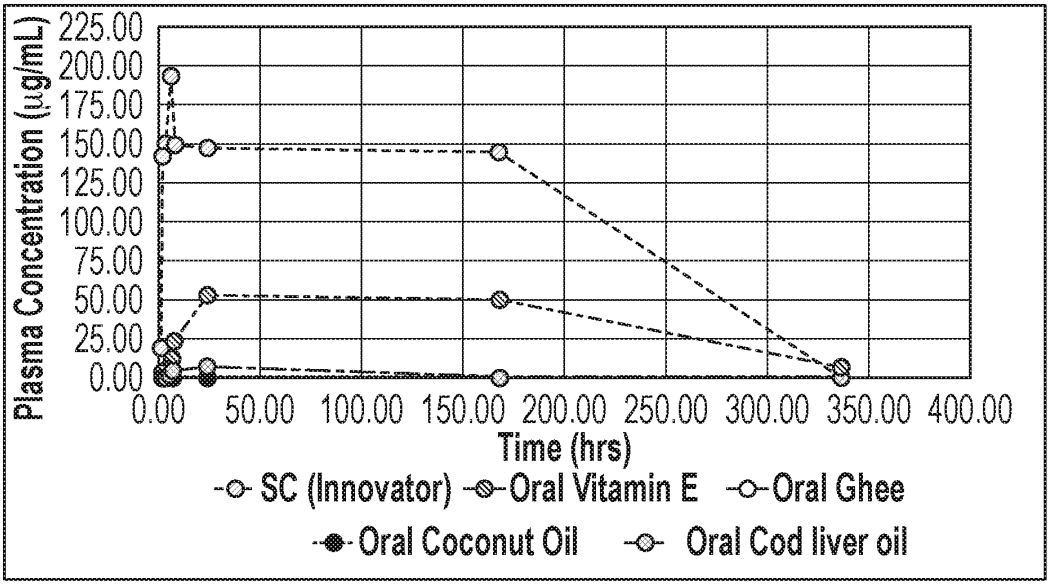

Plasma Concentration (µg/mL)
225.00
200.00
175.00
150.00
125.00
100.00
75.00
50.00
25.00
0.00
0.00 50.00 100.00 150.00 200.00 250.00 300.00 350.00 400.00
Time (hrs)
SC (Innovator)
Oral Vitamin E
Oral Ghee
Oral Coconut Oil
Oral Cod liver oil

FIG. 24

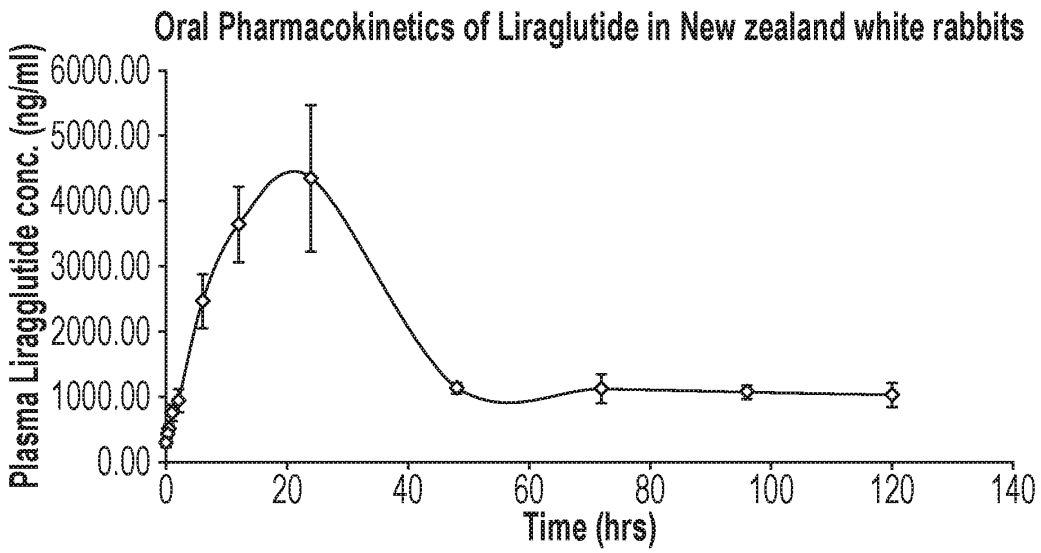

Oral Pharmacokinetics of Liraglutide in New zealand white rabbits
Plasma Liragglutide conc. (ng/ml)
6000.00
5000.00
4000.00
3000.00
2000.00
1000.00
0.00
0
20
40
60
80
100
120
140
Time (hrs)

FIG. 25

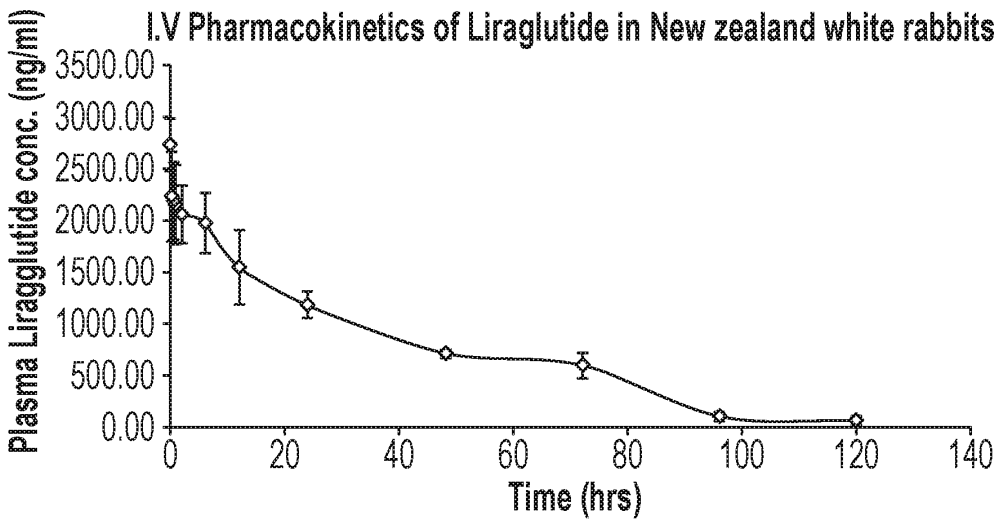
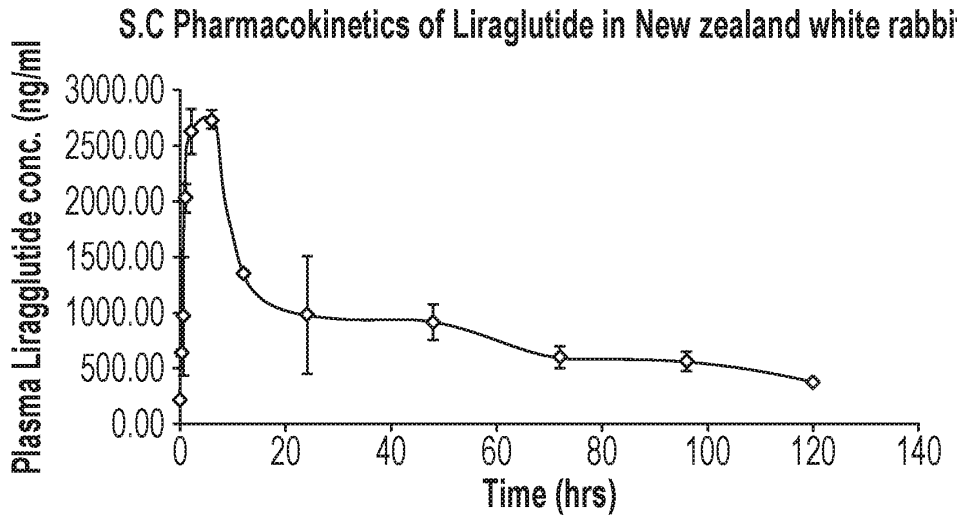

I.V Pharmacokinetics of Liraglutide in New zealand white rabbits
Plasma Liragglutide conc. (ng/ml)
3500.00
3000.00
2500.00
2000.00
1500.00
1000.00
500.00
0.00
0
20
40
60
80
100
120
140
Time (hrs)

FIG. 26


S.C Pharmacokinetics of Liraglutide in New zealand white rabbits
Plasma Liragglutide conc. (ng/ml
3000.00
2500.00
2000.00
1500.00
1000.00
500.00
0.00
0
20
40
60
80
100
120
140
Time (hrs)