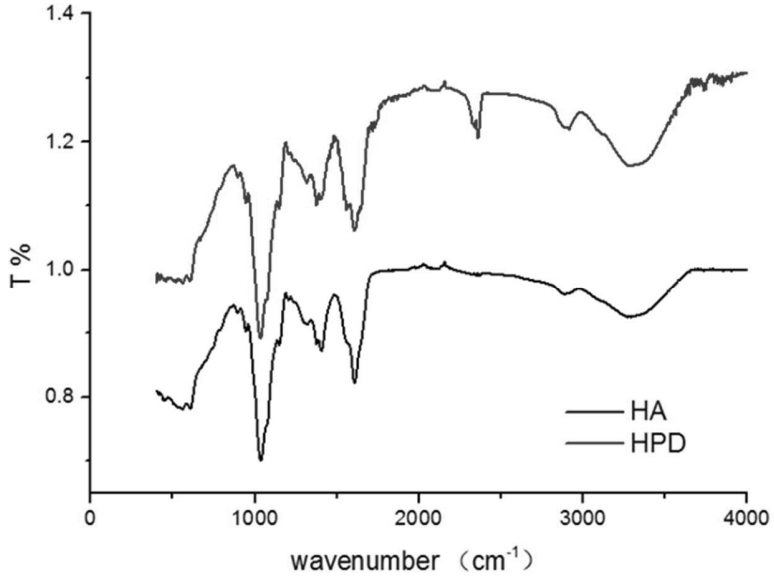


FIG. 1

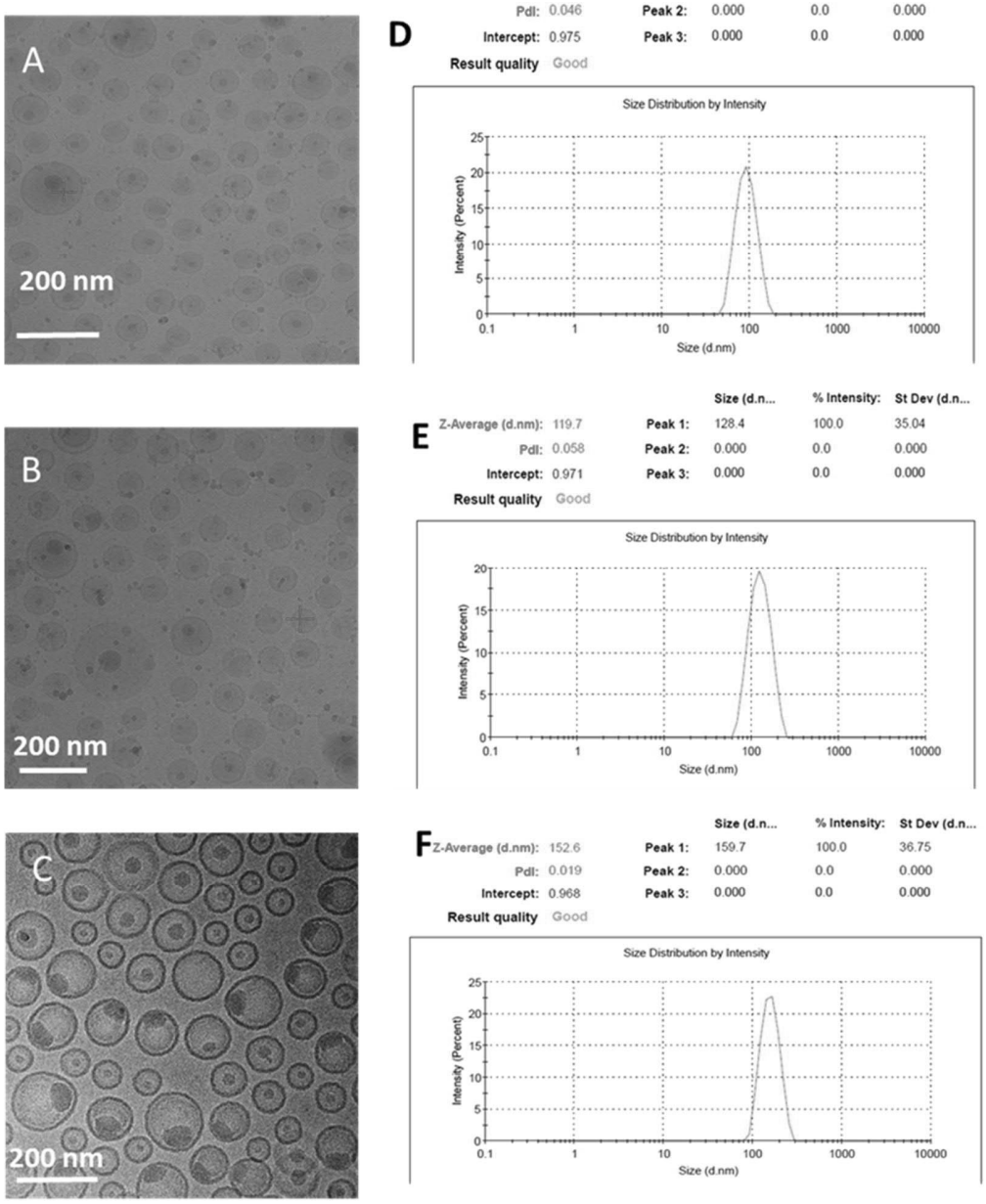

A
200 nm
B
200 nm
C
200 nm
D
Size (d.n... % Intensity: St Dev (d.n...
Z-Average (d.nm): 88.28 Peak 1: 93.88 100.0 24.26
PdI: 0.046 Peak 2: 0.000 0.0 0.000
Intercept: 0.975 Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)
E
Size (d.n... % Intensity: St Dev (d.n...
Z-Average (d.nm): 119.7 Peak 1: 128.4 100.0 35.04
PdI: 0.058 Peak 2: 0.000 0.0 0.000
Intercept: 0.971 Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)
F
Size (d.n... % Intensity: St Dev (d.n...
Z-Average (d.nm): 152.6 Peak 1: 159.7 100.0 36.75
PdI: 0.019 Peak 2: 0.000 0.0 0.000
Intercept: 0.968 Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 2

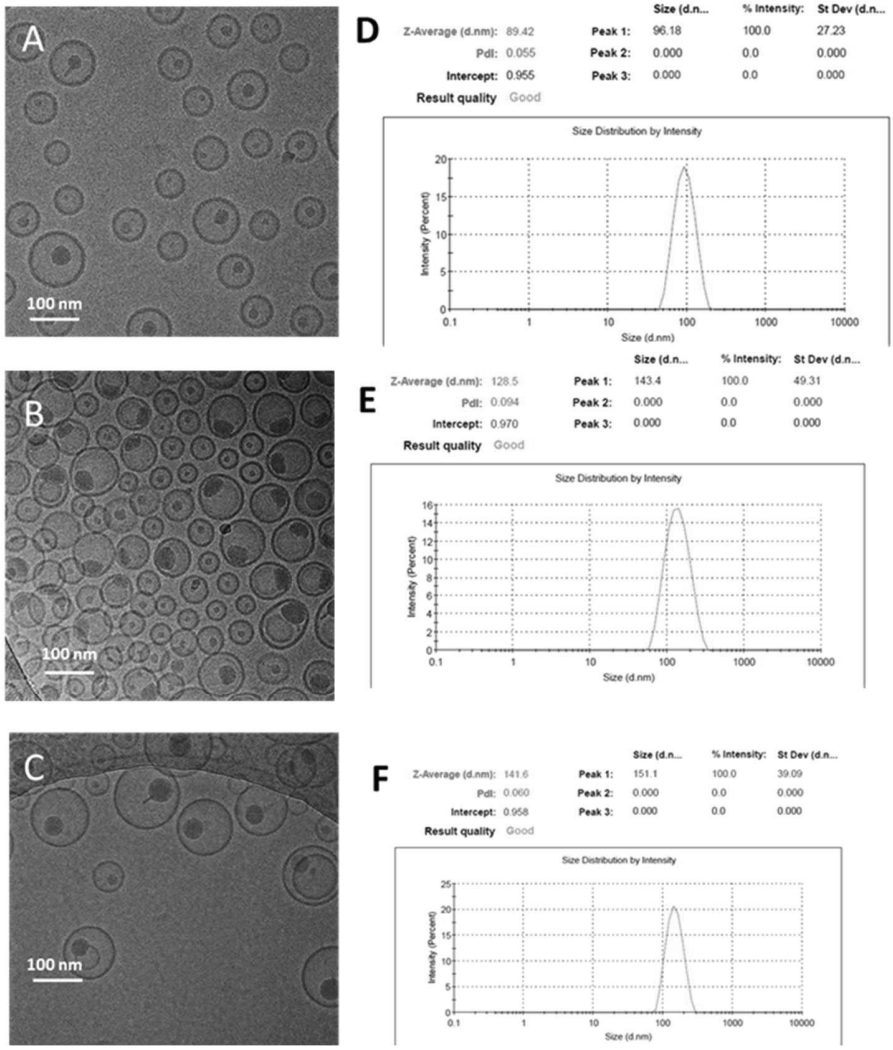

A
100 nm
B
100 nm
C
100 nm
D
Size (d.n... % Intensity: St Dev (d.n...
Z-Average (d.nm): 89.42 Peak 1: 96.18 100.0 27.23
PdI: 0.055 Peak 2: 0.000 0.0 0.000
Intercept: 0.955 Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)
E
Size (d.n... % Intensity: St Dev (d.n...
Z-Average (d.nm): 128.5 Peak 1: 143.4 100.0 49.31
PdI: 0.094 Peak 2: 0.000 0.0 0.000
Intercept: 0.970 Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)
F
Size (d.n... % Intensity: St Dev (d.n...
Z-Average (d.nm): 141.6 Peak 1: 151.1 100.0 39.09
PdI: 0.060 Peak 2: 0.000 0.0 0.000
Intercept: 0.958 Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 3

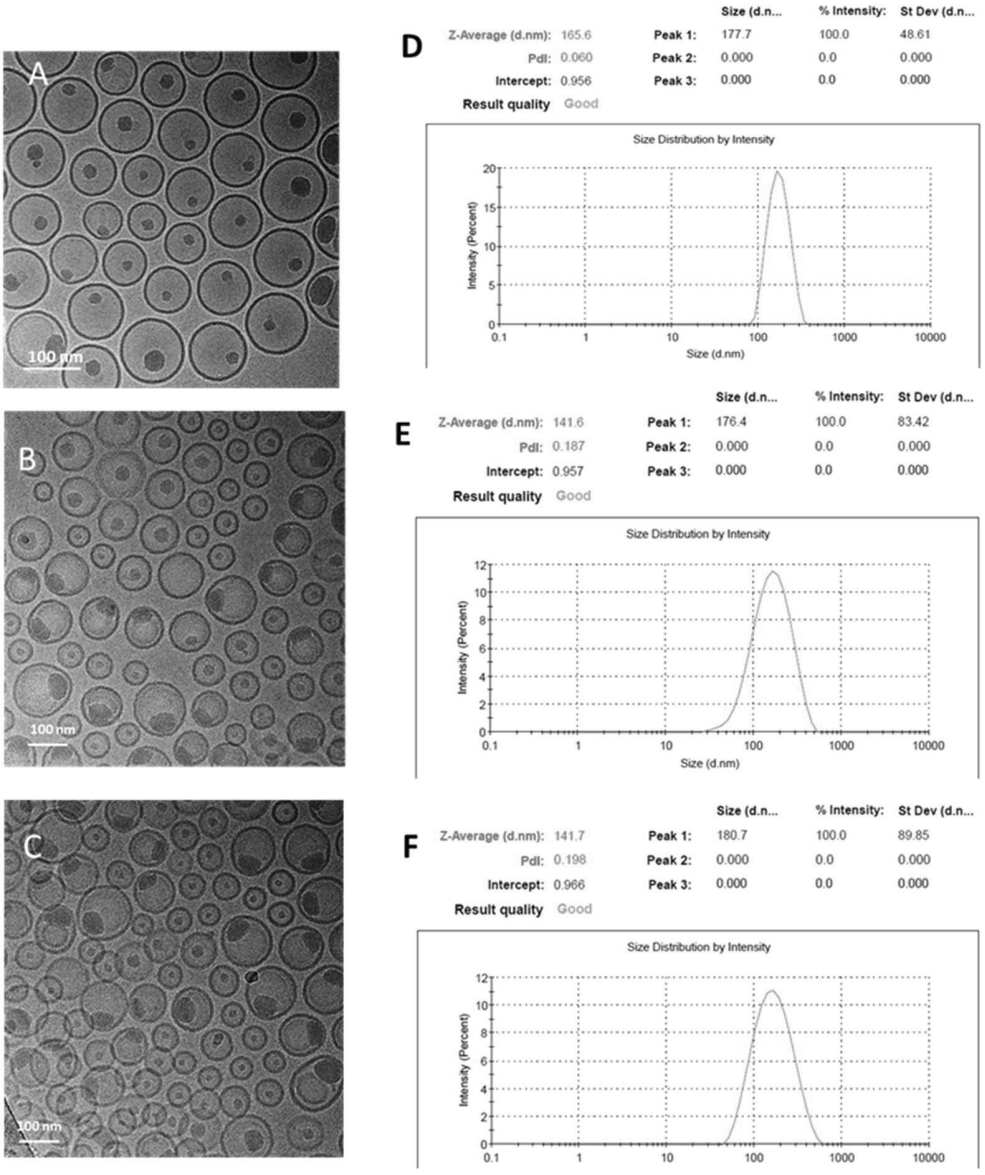

A
100 nm
B
100 nm
C
100 nm
D
Z-Average (d.nm): 165.6
PdI: 0.060
Intercept: 0.956
Result quality Good
Size (d.n... % Intensity: St Dev (d.n...
Peak 1: 177.7 100.0 48.61
Peak 2: 0.000 0.0 0.000
Peak 3: 0.000 0.0 0.000
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)
E
Z-Average (d.nm): 141.6
PdI: 0.187
Intercept: 0.957
Result quality Good
Size (d.n... % Intensity: St Dev (d.n...
Peak 1: 176.4 100.0 83.42
Peak 2: 0.000 0.0 0.000
Peak 3: 0.000 0.0 0.000
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)
F
Z-Average (d.nm): 141.7
PdI: 0.198
Intercept: 0.966
Result quality Good
Size (d.n... % Intensity: St Dev (d.n...
Peak 1: 180.7 100.0 89.85
Peak 2: 0.000 0.0 0.000
Peak 3: 0.000 0.0 0.000
Size Distribution by Intensity
Intensity (Percent)

FIG. 4

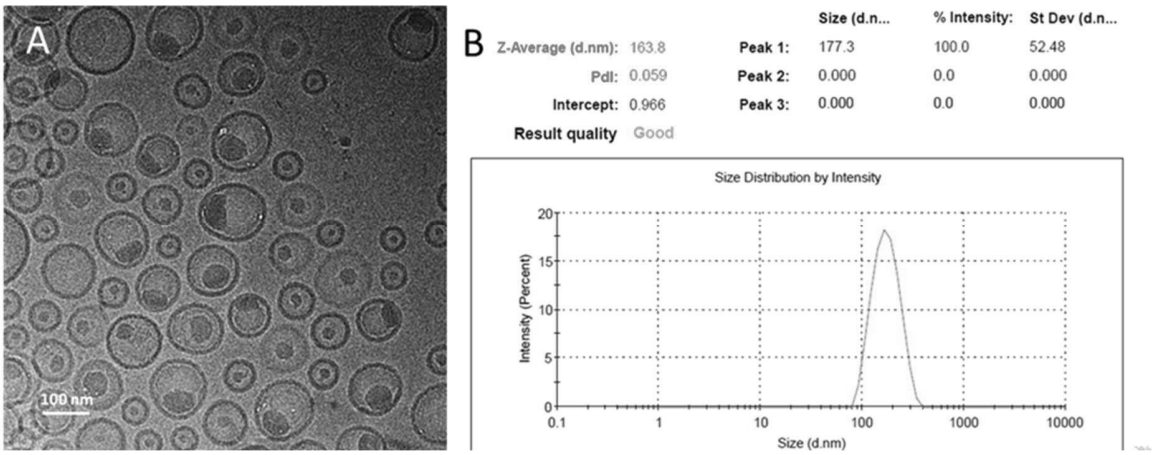

A
100 nm
B
Z-Average (d.nm): 163.8
PdI: 0.059
Intercept: 0.966
Result quality Good
Size (d.n... % Intensity: St Dev (d.n...
Peak 1: 177.3 100.0 52.48
Peak 2: 0.000 0.0 0.000
Peak 3: 0.000 0.0 0.000
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 5

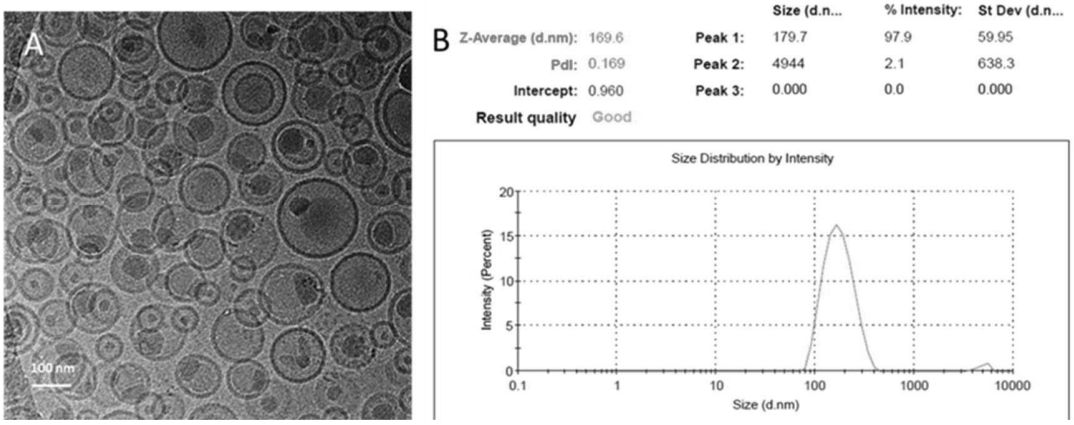

A
100 nm
B
Z-Average (d.nm): 169.6
PdI: 0.169
Intercept: 0.960
Result quality Good
Size (d.n... % Intensity: St Dev (d.n...
Peak 1: 179.7 97.9 59.95
Peak 2: 4944 2.1 638.3
Peak 3: 0.000 0.0 0.000
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 6

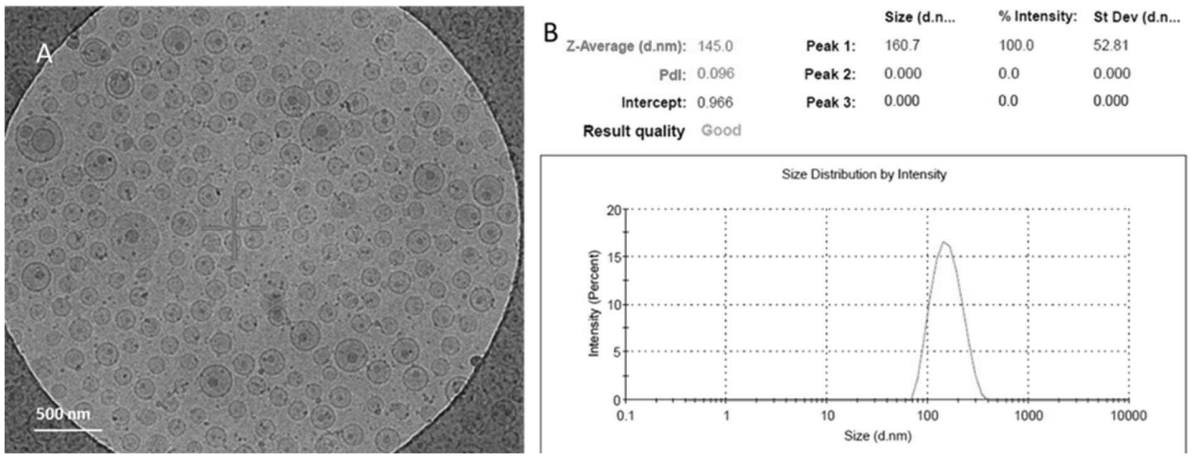

A
500 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 145.0
Peak 1: 160.7 100.0 52.81
PdI: 0.096
Peak 2: 0.000 0.0 0.000
Intercept: 0.966
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 7

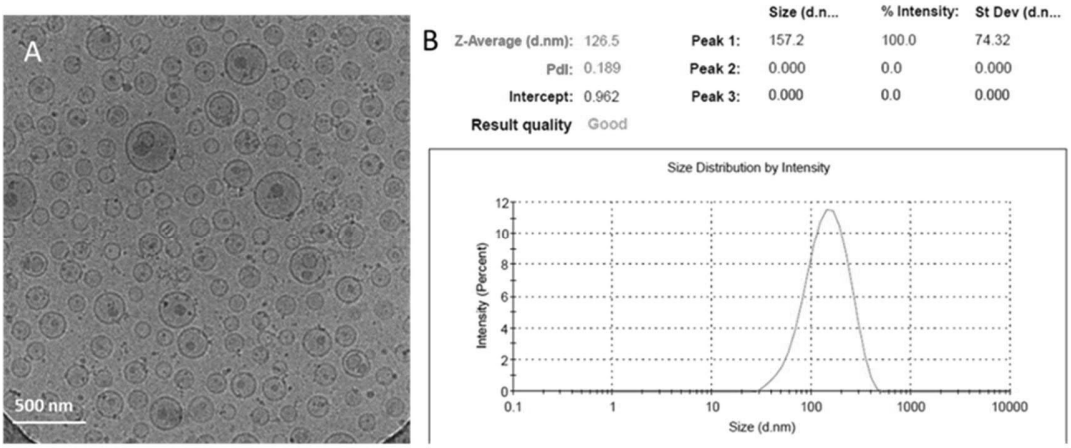

A
500 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 126.5
Peak 1: 157.2 100.0 74.32
PdI: 0.189
Peak 2: 0.000 0.0 0.000
Intercept: 0.962
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 8

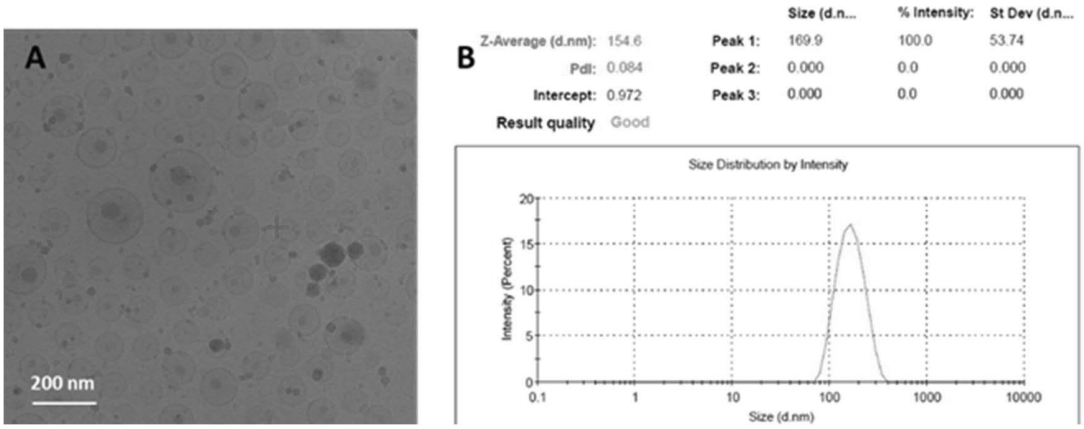

A
200 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 154.6
Peak 1: 169.9 100.0 53.74
PdI: 0.084
Peak 2: 0.000 0.0 0.000
Intercept: 0.972
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 9

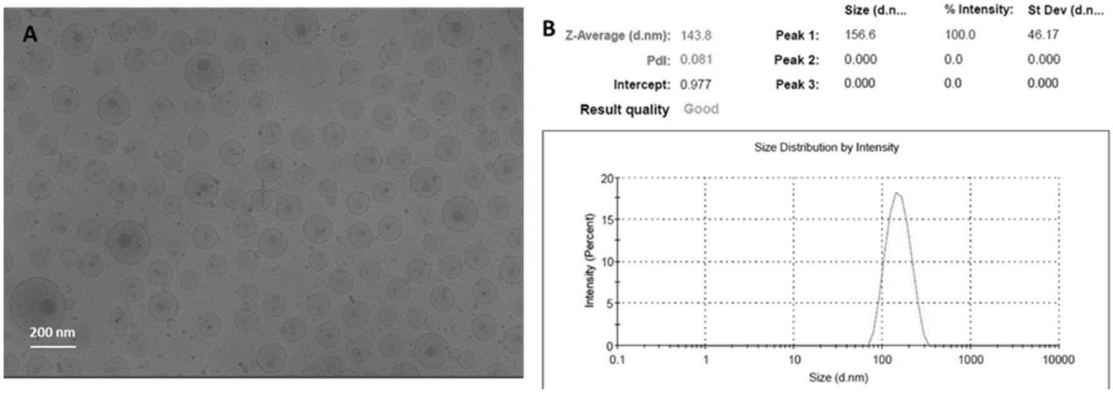

A
200 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 143.8
Peak 1: 156.6 100.0 46.17
PdI: 0.081
Peak 2: 0.000 0.0 0.000
Intercept: 0.977
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 10

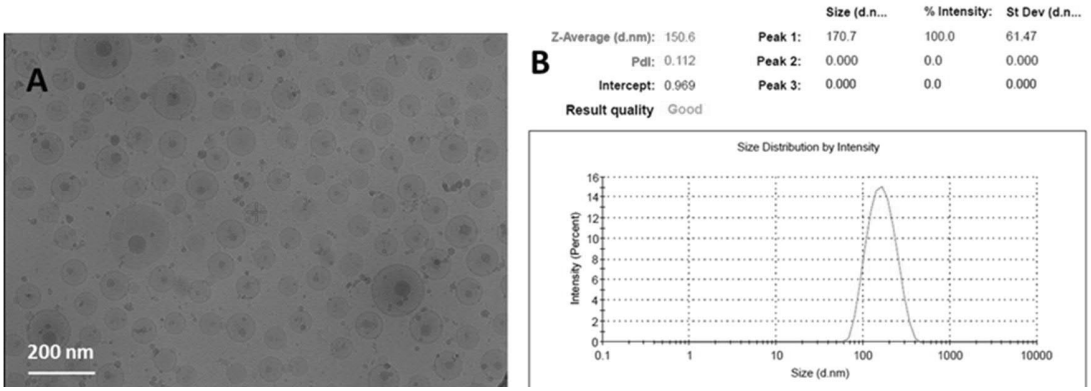

A
200 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 150.6
Peak 1: 170.7 100.0 61.47
PdI: 0.112
Peak 2: 0.000 0.0 0.000
Intercept: 0.969
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 11

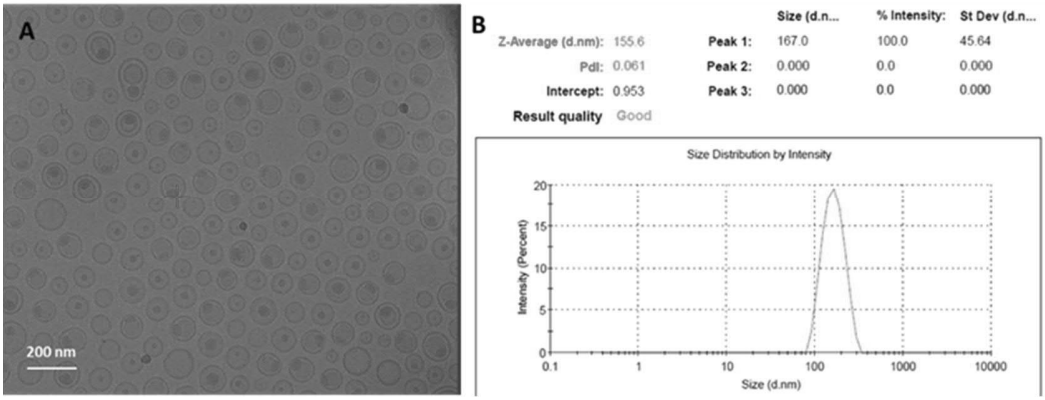

A
200 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 155.6
Peak 1: 167.0 100.0 45.64
PdI: 0.061
Peak 2: 0.000 0.0 0.000
Intercept: 0.953
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 12

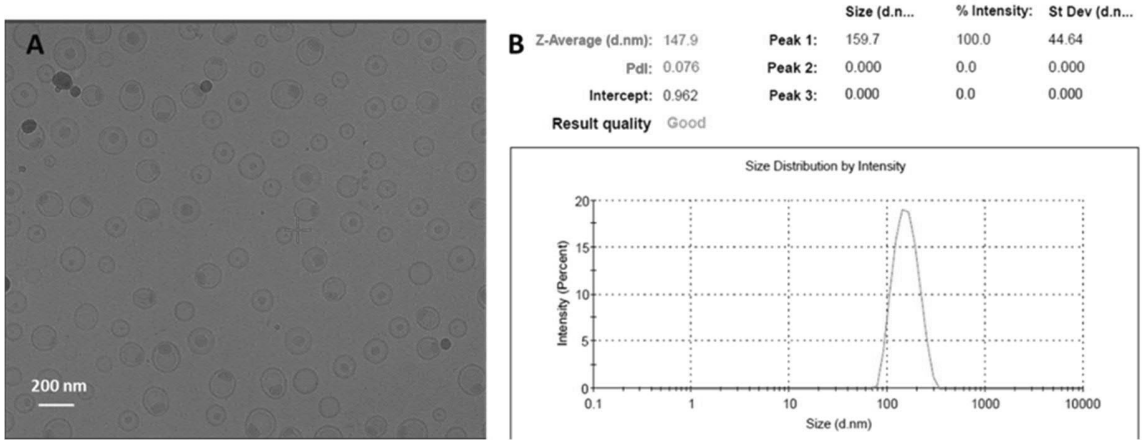

A
200 nm
B
Z-Average (d.nm): 147.9
PdI: 0.076
Intercept: 0.962
Result quality Good
Size (d.n... % Intensity: St Dev (d.n...
Peak 1: 159.7 100.0 44.64
Peak 2: 0.000 0.0 0.000
Peak 3: 0.000 0.0 0.000
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 13

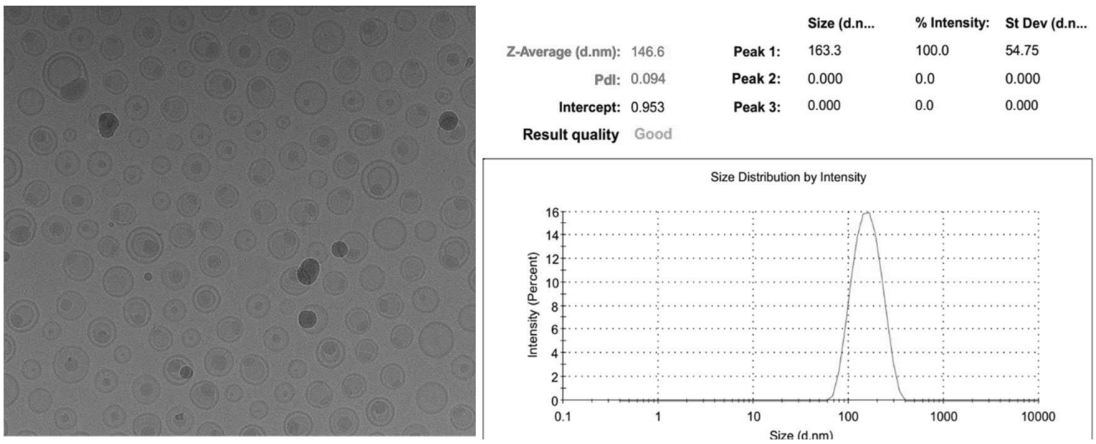

Z-Average (d.nm): 146.6
PdI: 0.094
Intercept: 0.953
Result quality Good
Size (d.n... % Intensity: St Dev (d.n...
Peak 1: 163.3 100.0 54.75
Peak 2: 0.000 0.0 0.000
Peak 3: 0.000 0.0 0.000
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 14

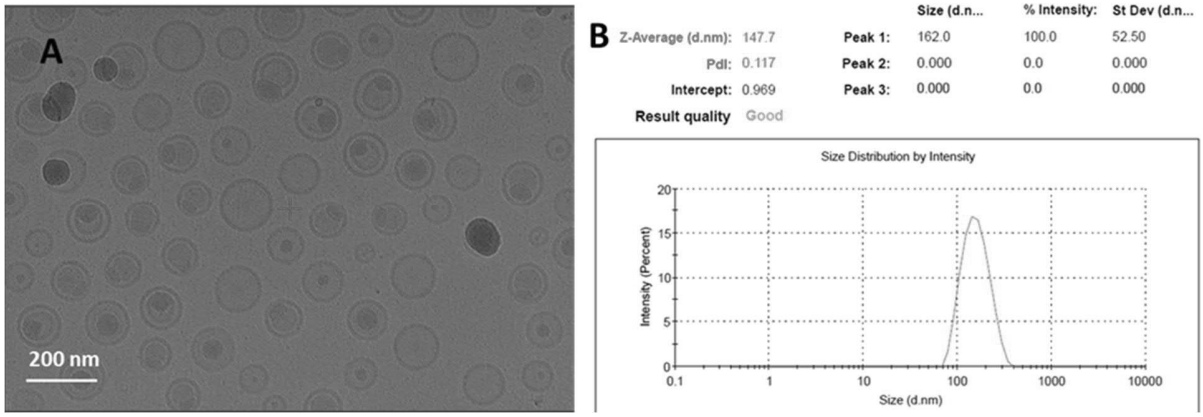

A
200 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 147.7
Peak 1: 162.0 100.0 52.50
PdI: 0.117
Peak 2: 0.000 0.0 0.000
Intercept: 0.969
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 15

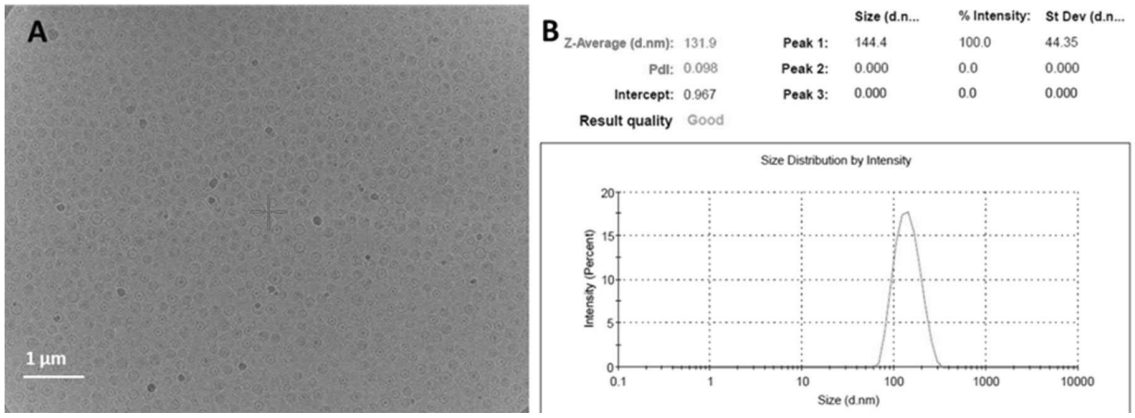

A
1 µm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 131.9
Peak 1: 144.4 100.0 44.35
PdI: 0.098
Peak 2: 0.000 0.0 0.000
Intercept: 0.967
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 16

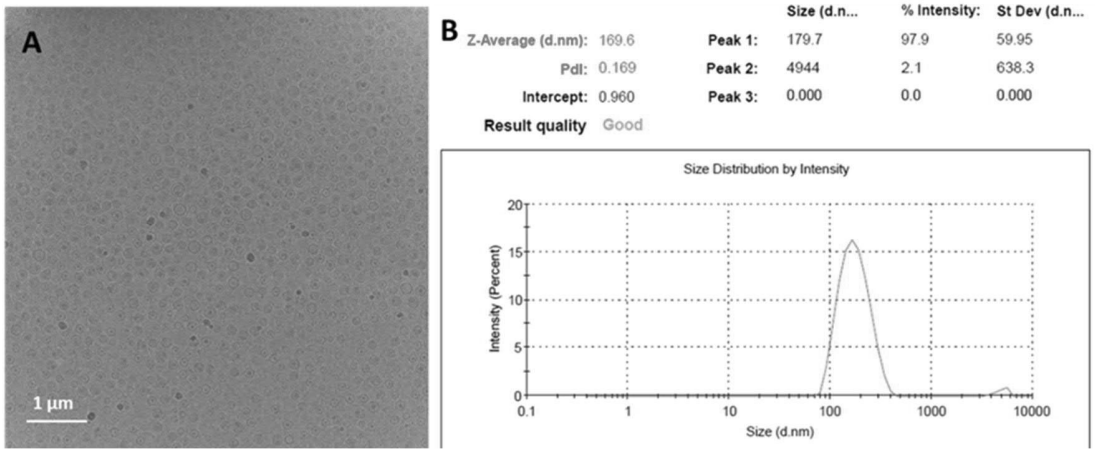

A
1 µm
B
Z-Average (d.nm): 169.6
PdI: 0.169
Intercept: 0.960
Result quality Good
Size (d.n... % Intensity: St Dev (d.n...
Peak 1: 179.7 97.9 59.95
Peak 2: 4944 2.1 638.3
Peak 3: 0.000 0.0 0.000
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 17

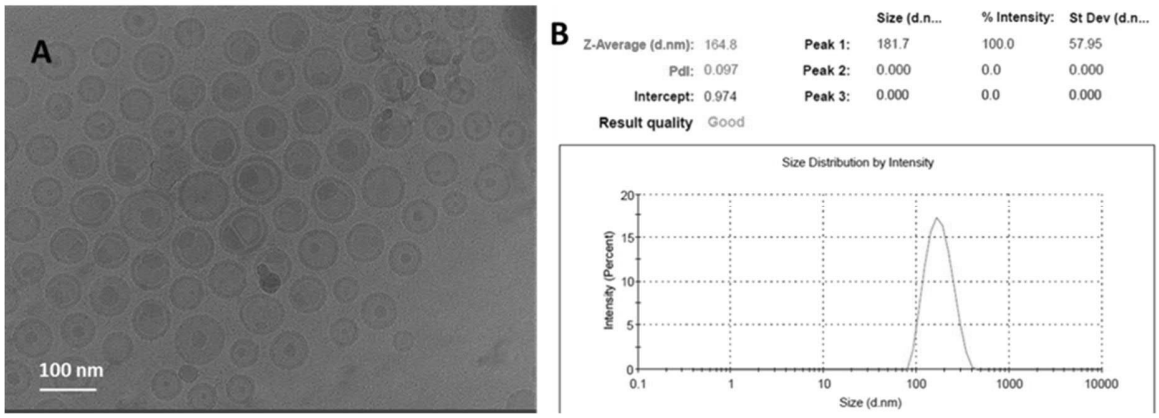

A
100 nm
B
Z-Average (d.nm): 164.8
PdI: 0.097
Intercept: 0.974
Result quality Good
Size (d.n... % Intensity: St Dev (d.n...
Peak 1: 181.7 100.0 57.95
Peak 2: 0.000 0.0 0.000
Peak 3: 0.000 0.0 0.000
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 18

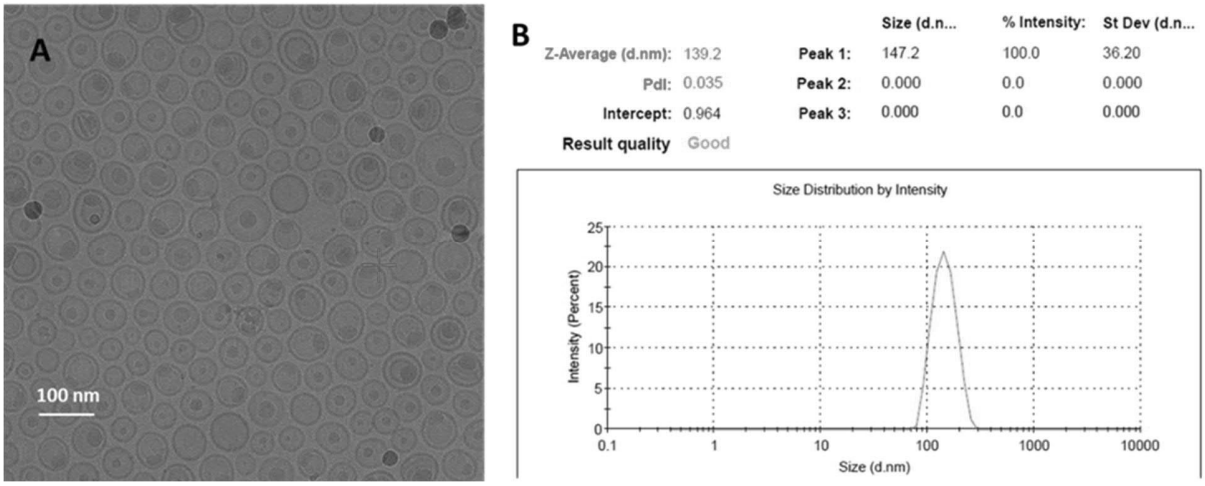

A
100 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 139.2
Peak 1: 147.2 100.0 36.20
PdI: 0.035
Peak 2: 0.000 0.0 0.000
Intercept: 0.964
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 19

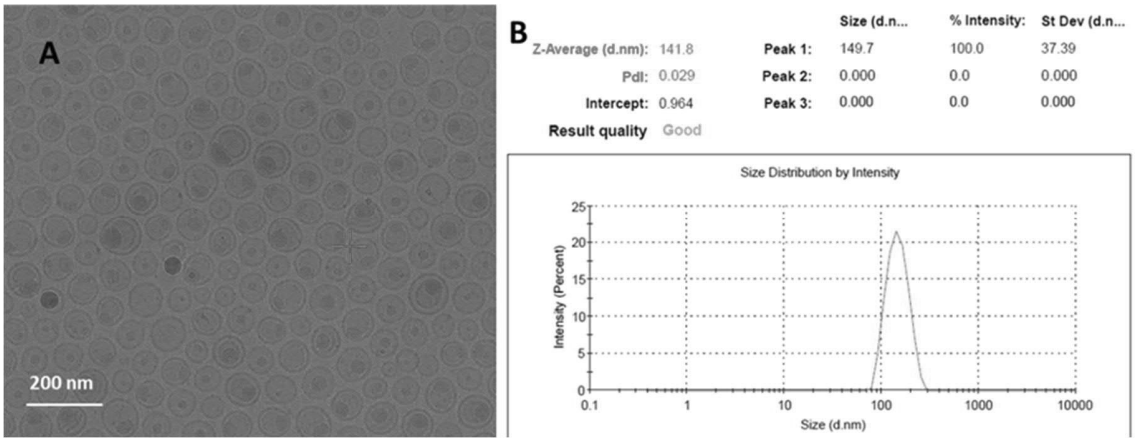

A
200 nm
B
Size (d.n...
% Intensity:
St Dev (d.n...
Z-Average (d.nm): 141.8
Peak 1: 149.7 100.0 37.39
PdI: 0.029
Peak 2: 0.000 0.0 0.000
Intercept: 0.964
Peak 3: 0.000 0.0 0.000
Result quality Good
Size Distribution by Intensity
Intensity (Percent)
Size (d.nm)

FIG. 20

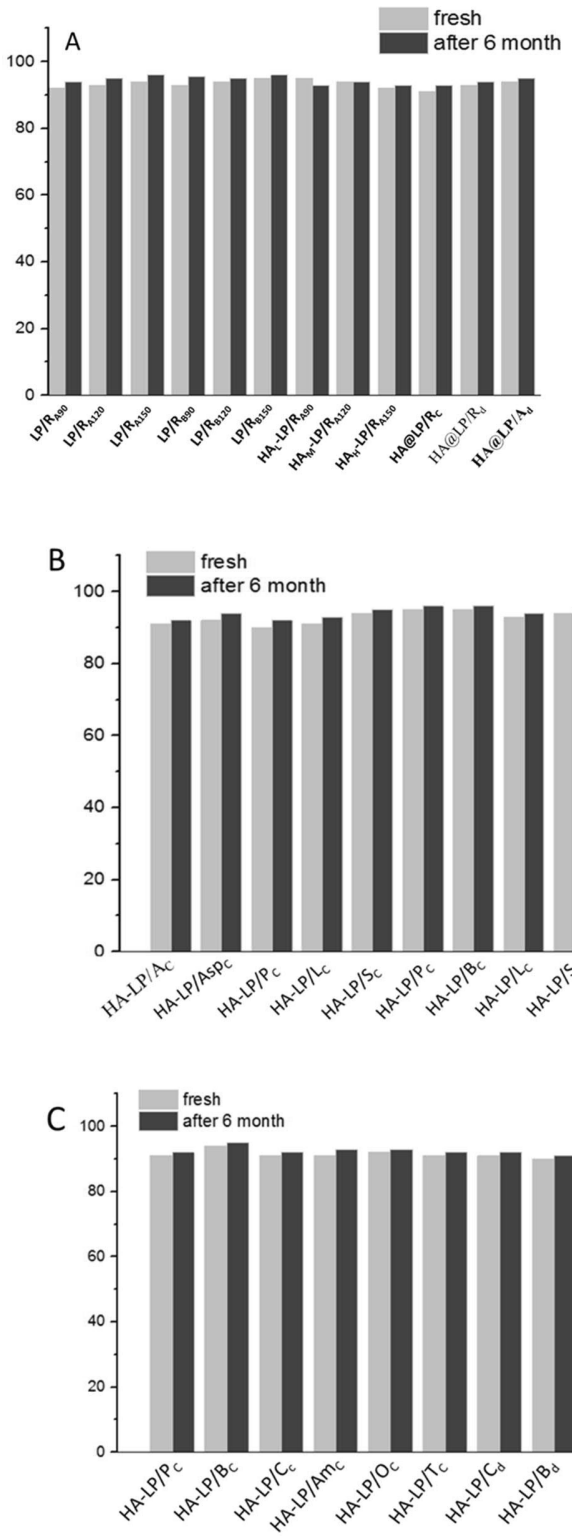

A
fresh
after 6 month
100
80
60
40
20
0
LP/R$_{A90}$
LP/R$_{A120}$
LP/R$_{A150}$
LP/R$_{B90}$
LP/R$_{B120}$
LP/R$_{B150}$
HA$_L$-LP/R$_{A90}$
HA$_M$-LP/R$_{A120}$
HA$_H$-LP/R$_{A150}$
HA@LP/R$_C$
HA@LP/R$_A$
HA@LP/A$_d$
B
fresh
after 6 month
100
80
60
40
20
0
HA-LP/A$_C$
HA-LP/ASP$_C$
HA-LP/P$_C$
HA-LP/L$_C$
HA-LP/S$_C$
HA-LP/P$_C$
HA-LP/B$_C$
HA-LP/L$_C$
HA-LP/S$_C$
C
fresh
after 6 month
100
80
60
40
20
0
HA-LP/P$_C$
HA-LP/B$_C$
HA-LP/C$_c$
HA-LP/Am$_C$
HA-LP/O$_C$
HA-LP/T$_C$
HA-LP/C$_d$
HA-LP/B$_d$

FIG. 21

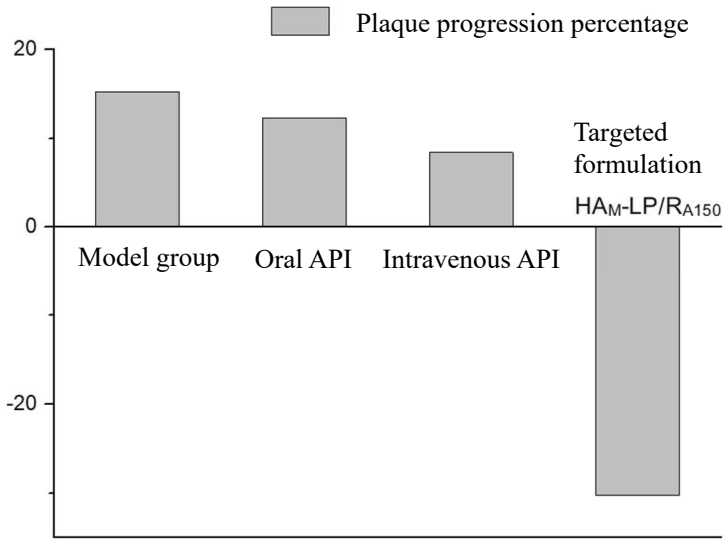

Plaque progression percentage
20
0
-20
Model group
Oral API
Intravenous API
Targeted formulation
HAM-LP/RA150

FIG. 22

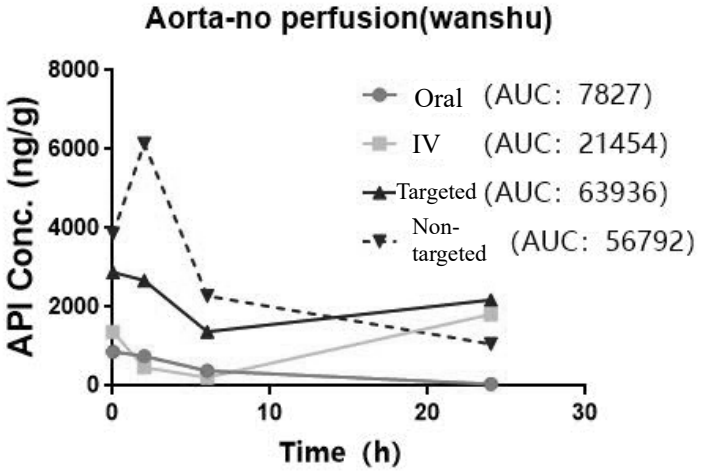

Aorta-no perfusion(wanshu)
API Conc. (ng/g)
8000
6000
4000
2000
0
0
10
20
30
Time (h)
Oral (AUC: 7827)
IV (AUC: 21454)
Targeted (AUC: 63936)
Non-targeted (AUC: 56792)

FIG. 23

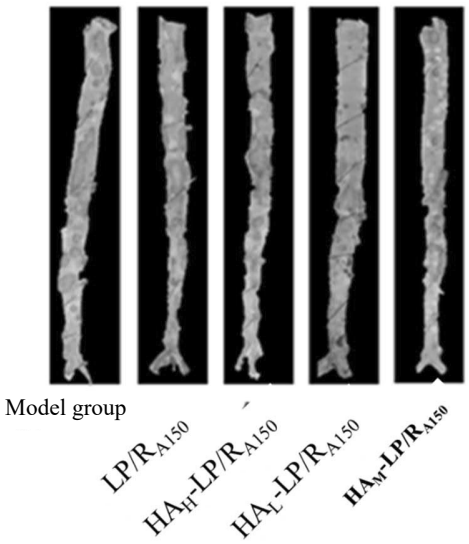


FIG. 24a

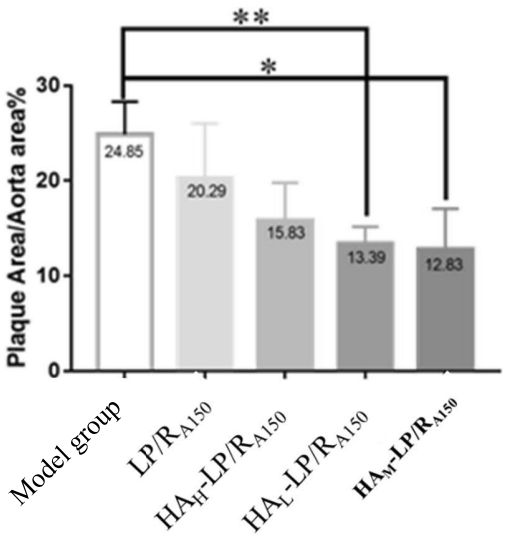


FIG. 24b

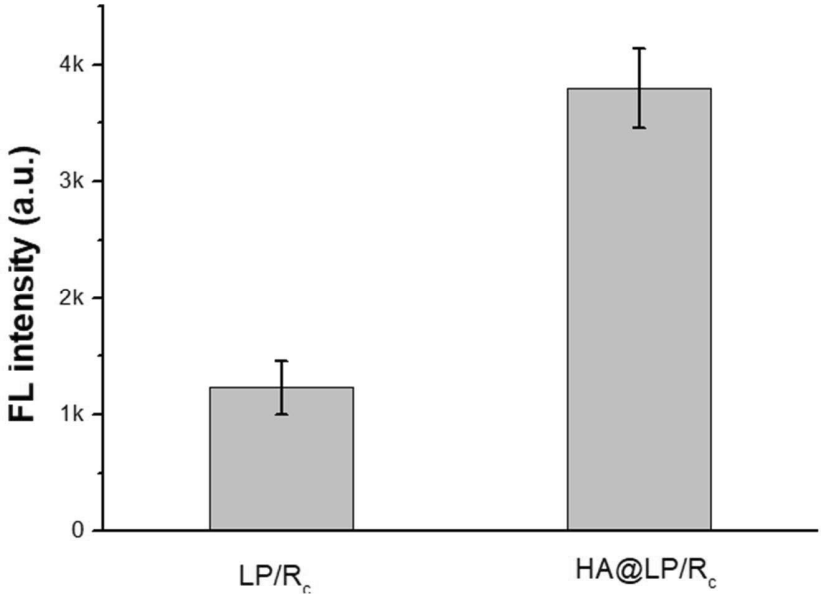


FIG. 25

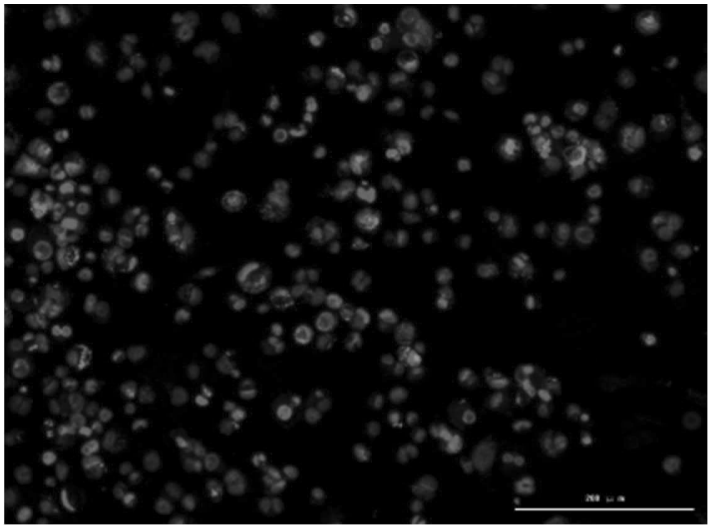


FIG. 26a

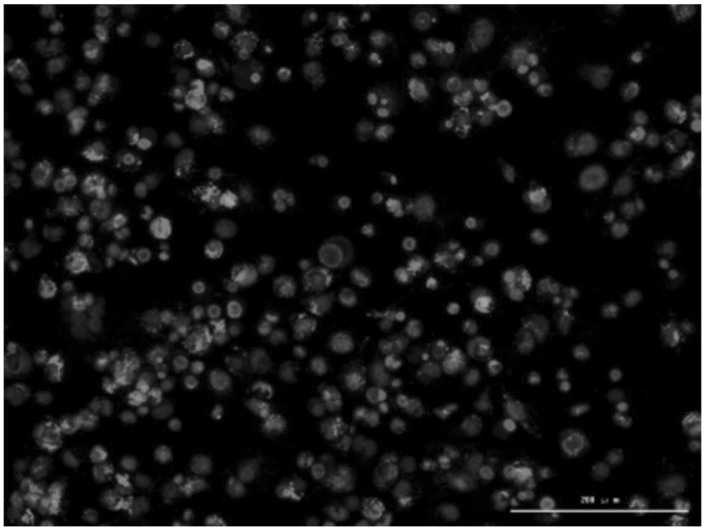


FIG. 26b

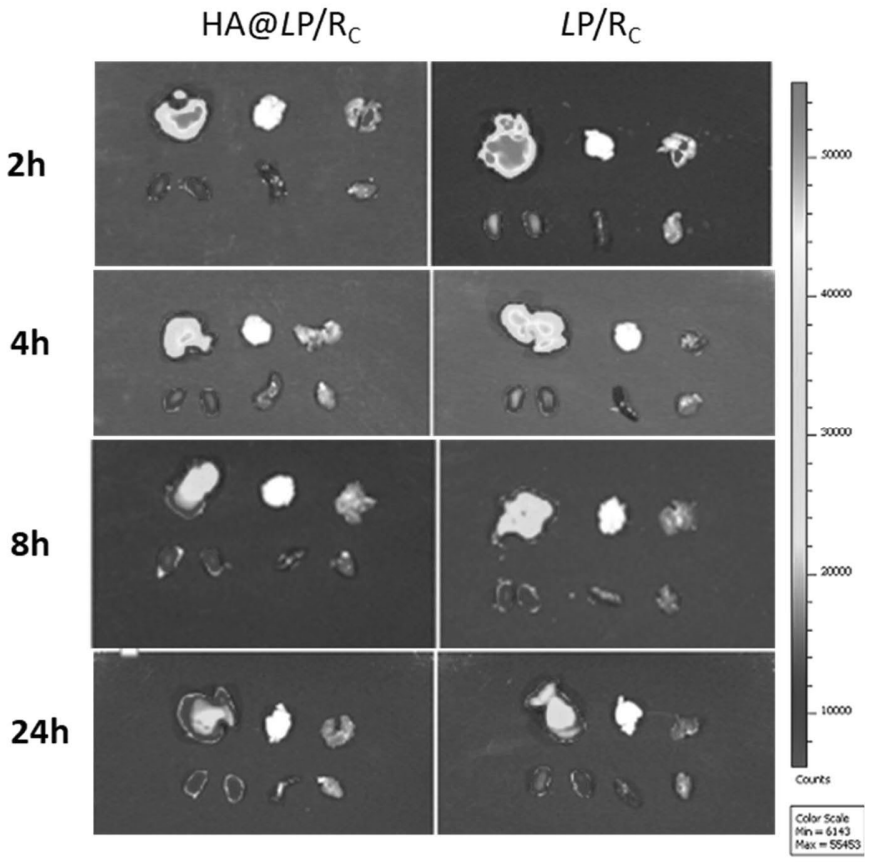

HA@LP/R$_C$
LP/R$_C$
2h
4h
8h
24h
50000
40000
30000
20000
10000
Counts
Color Scale
Min = 6143
Max = 55453

FIG. 27

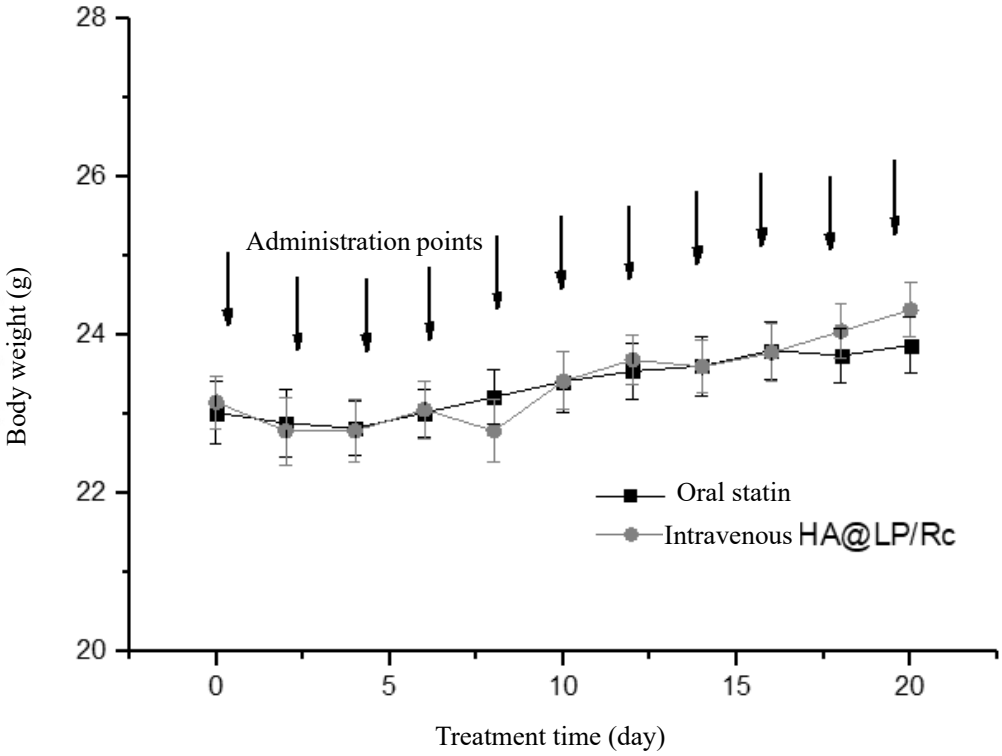

28
26
24
22
20
Body weight (g)
Administration points
Oral statin
Intravenous HA@LP/Rc
0
5
10
15
20
Treatment time (day)

FIG. 28

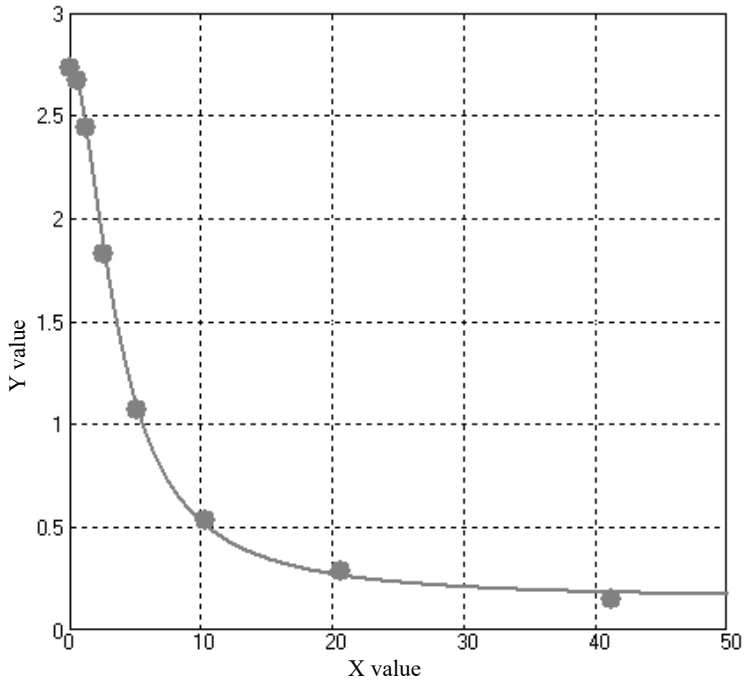


FIG. 29