

Figure 1

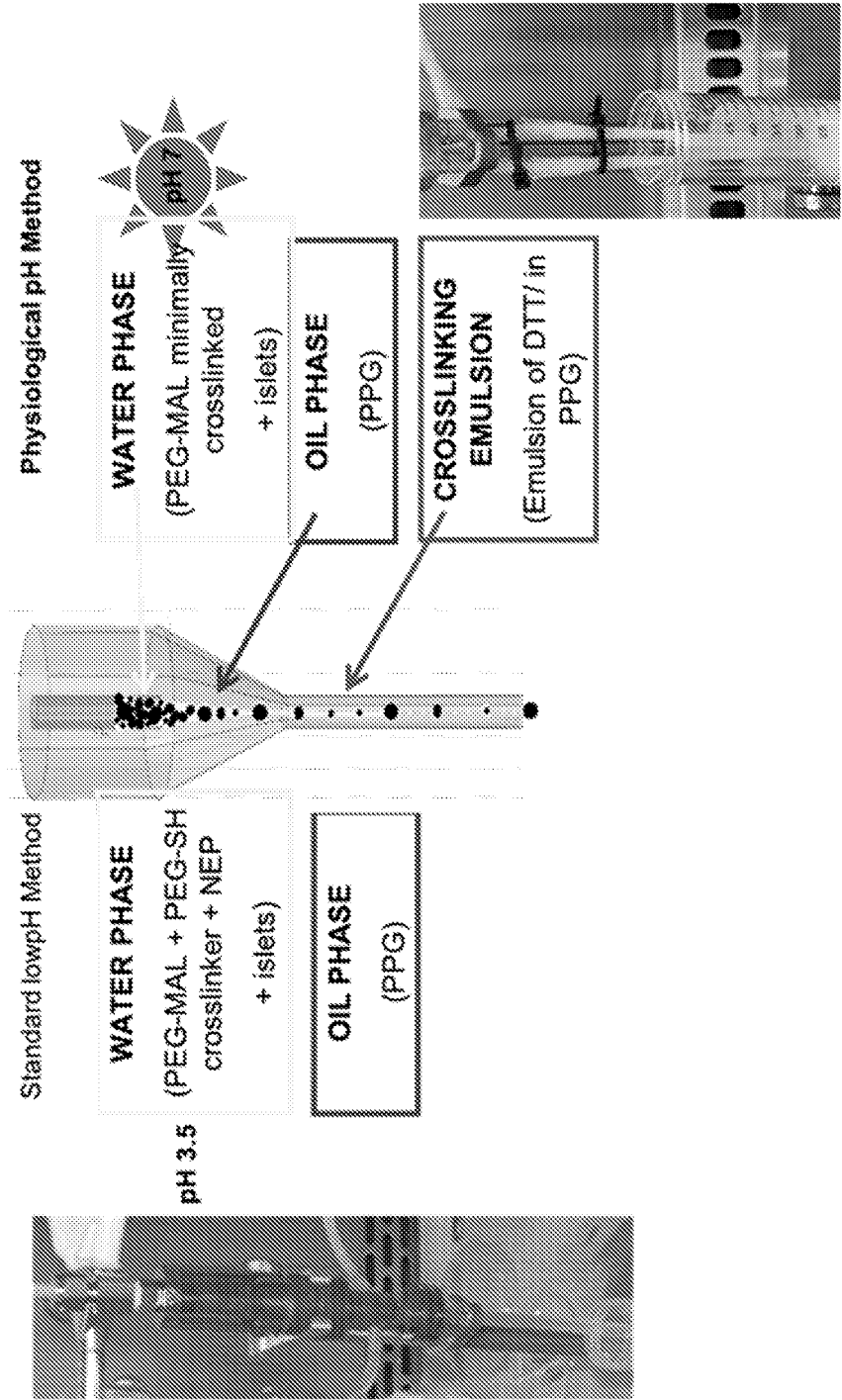


Figure 1A

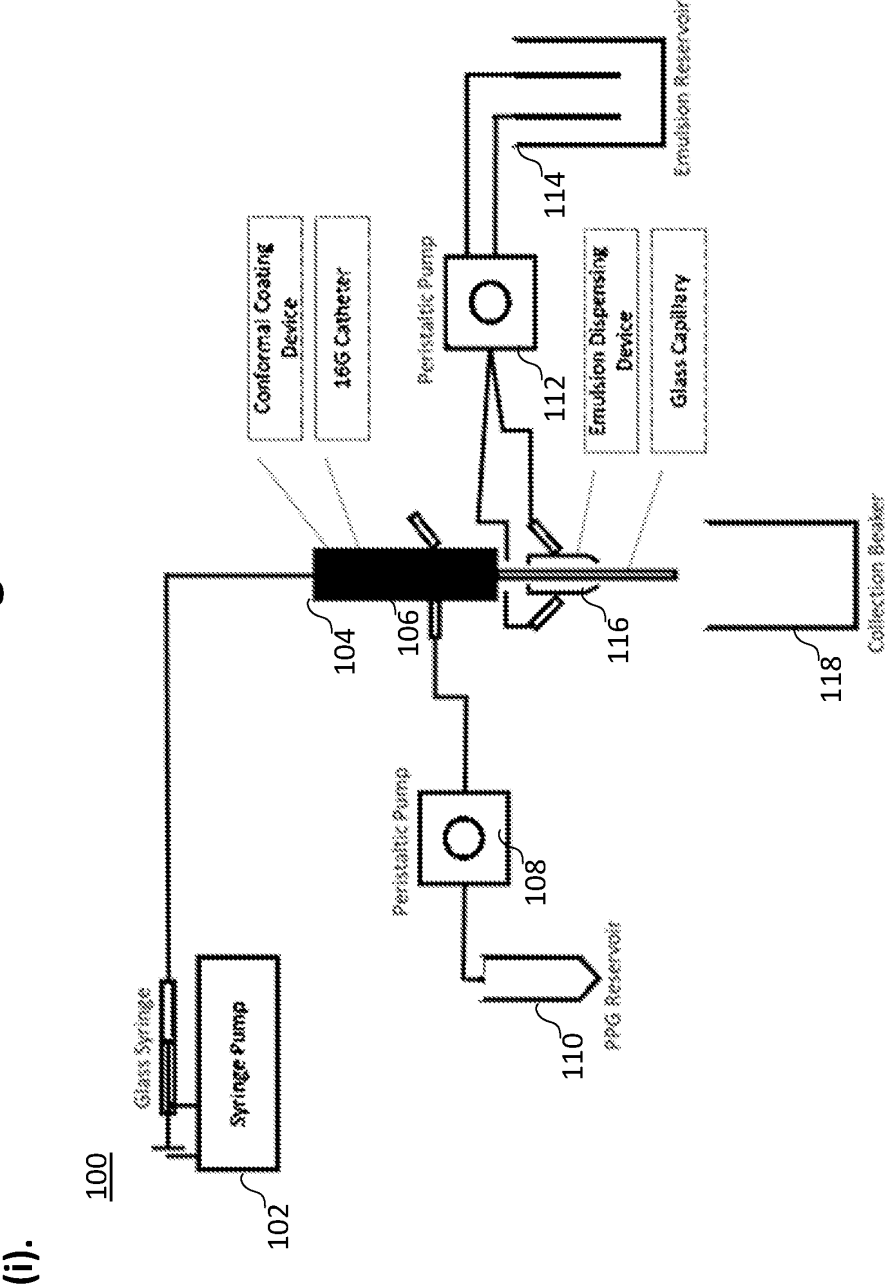


Figure 1A

(ii).

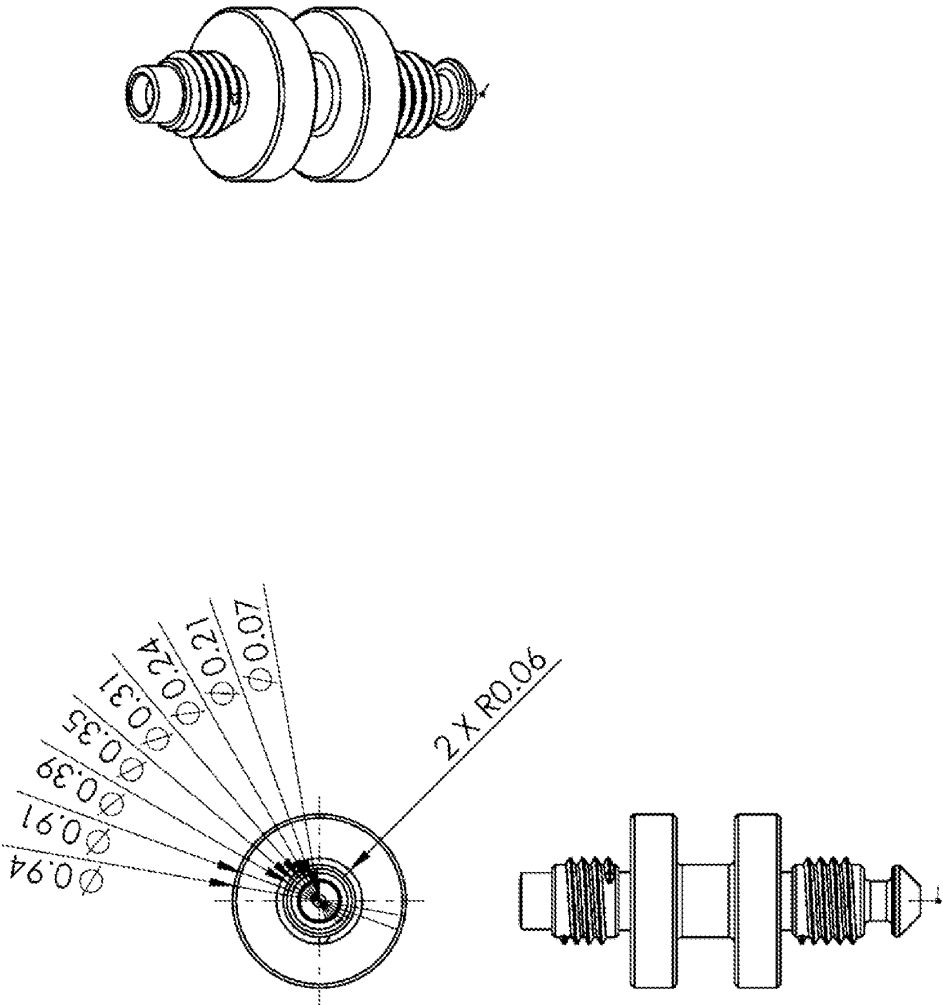


Figure 1A

(iii).

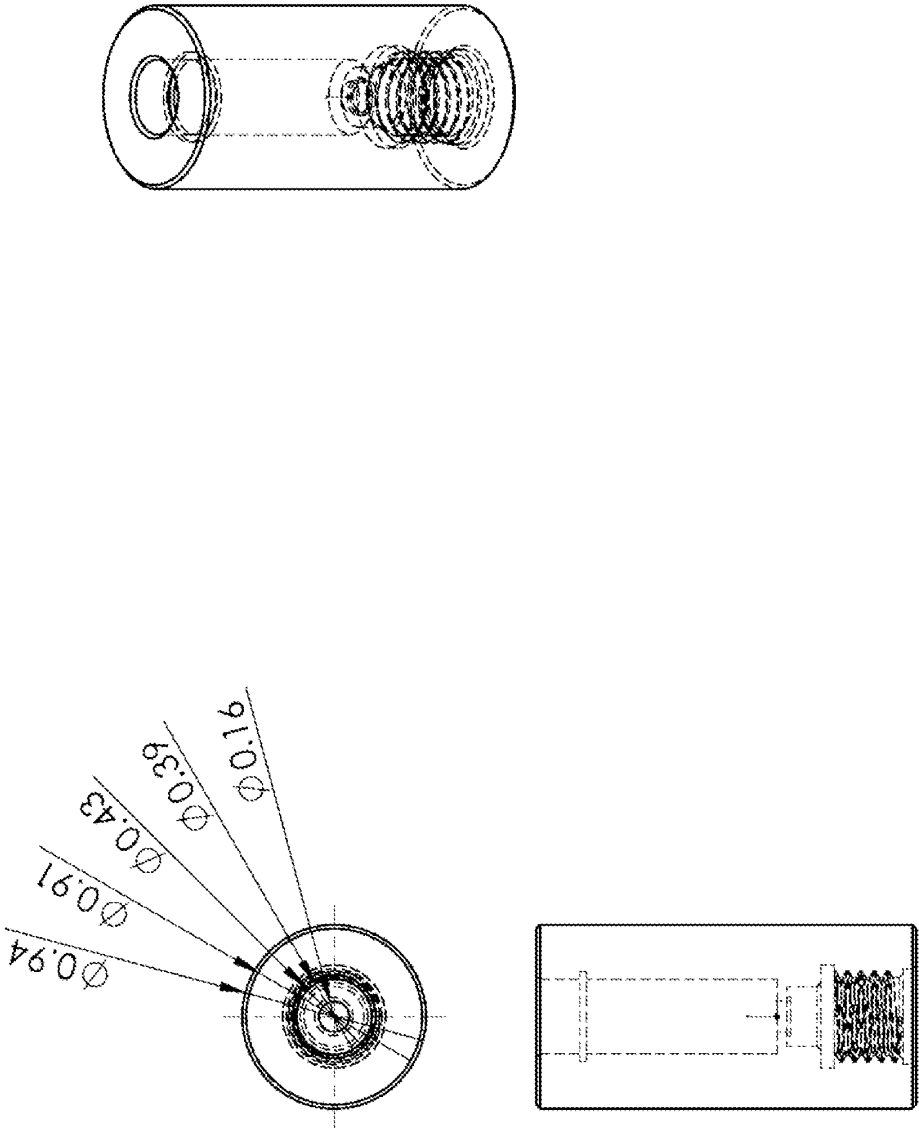


Figure 1A

(iv).

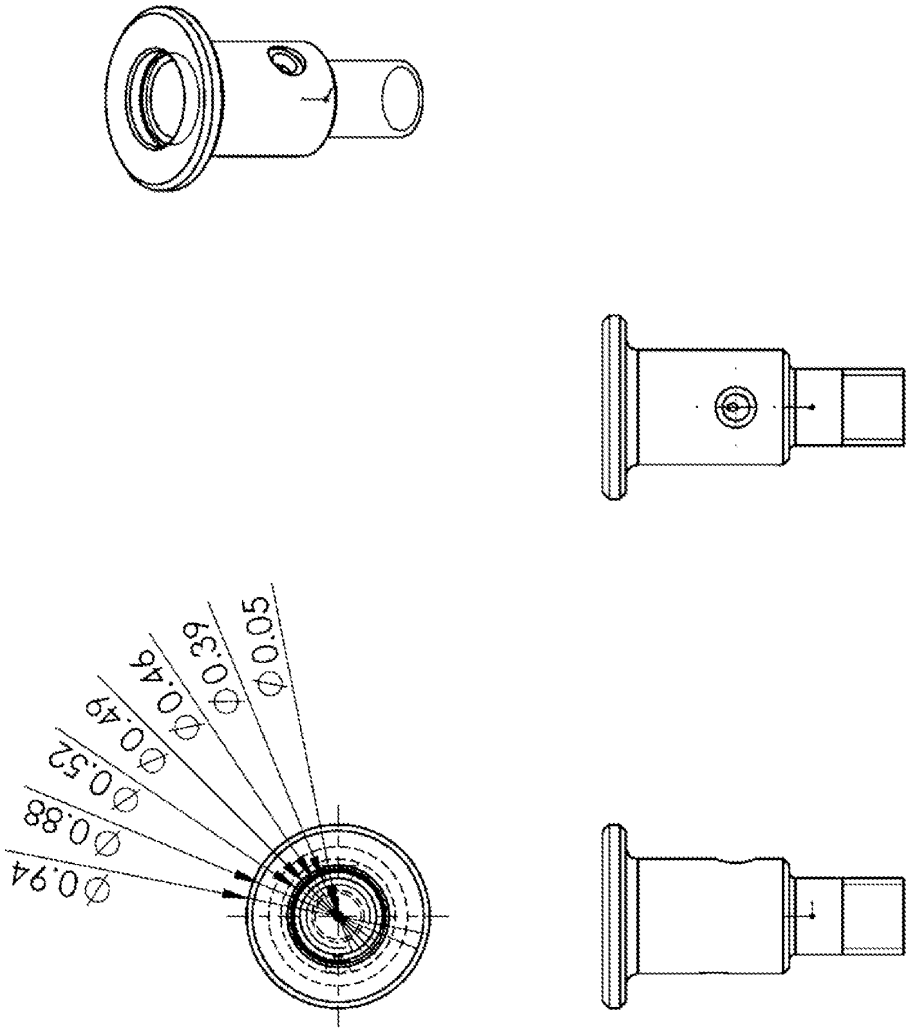


Figure 1A

(v).

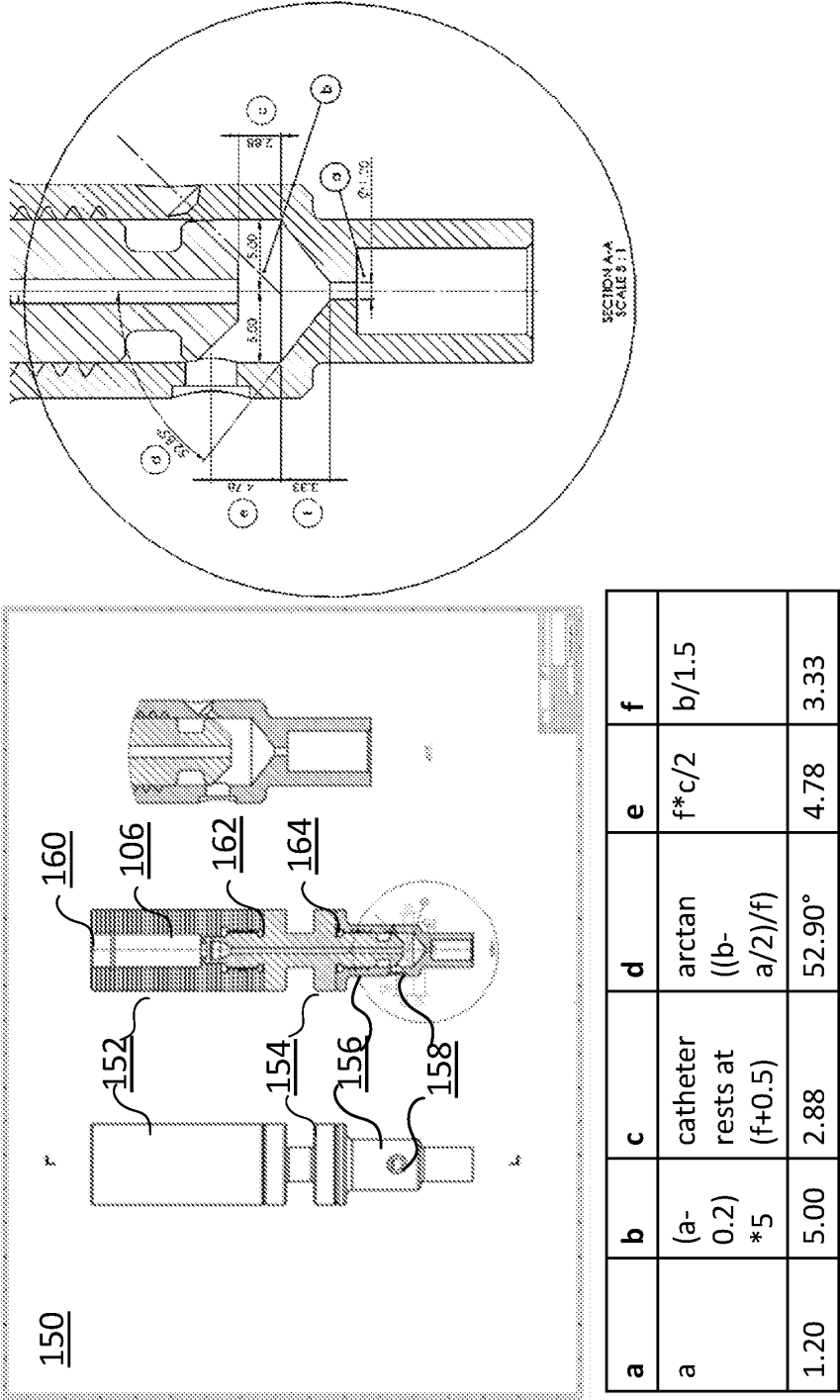


Figure 1B

- i) Peristaltic pump
- ii) Syringe pump
- iii) Conformal coating device
- iv) Emulsion apparatus
- v) Catheter with islets/PEG solution

Figure 1C

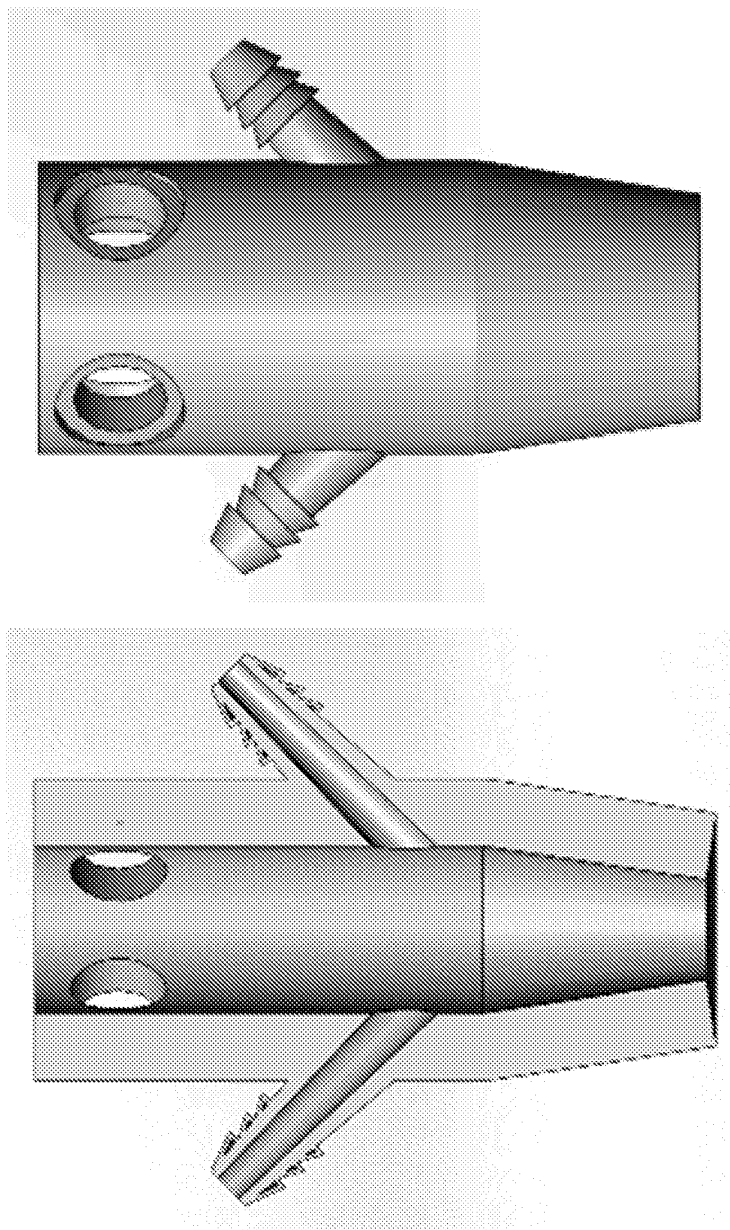


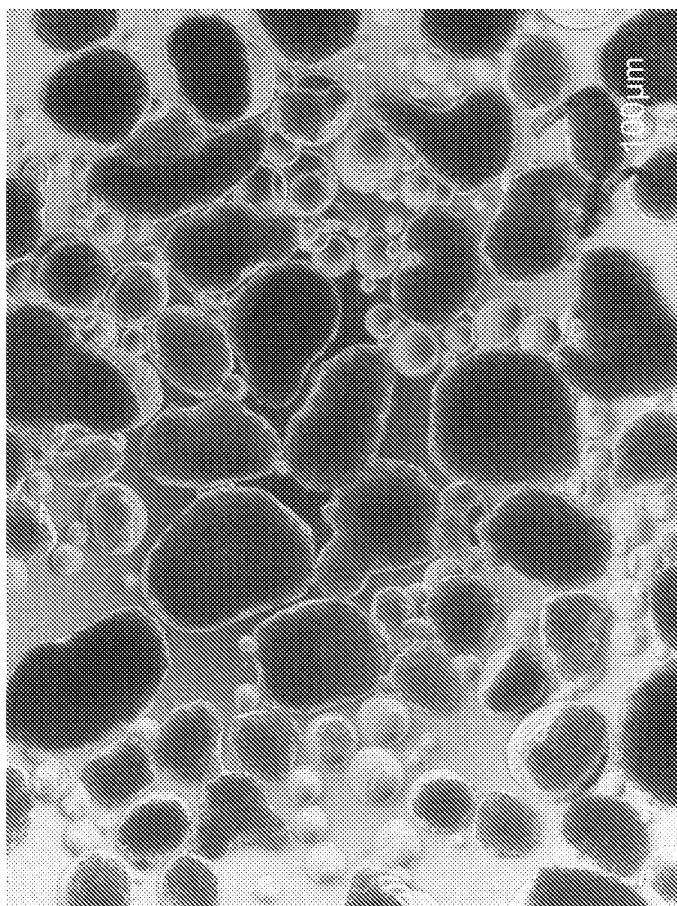
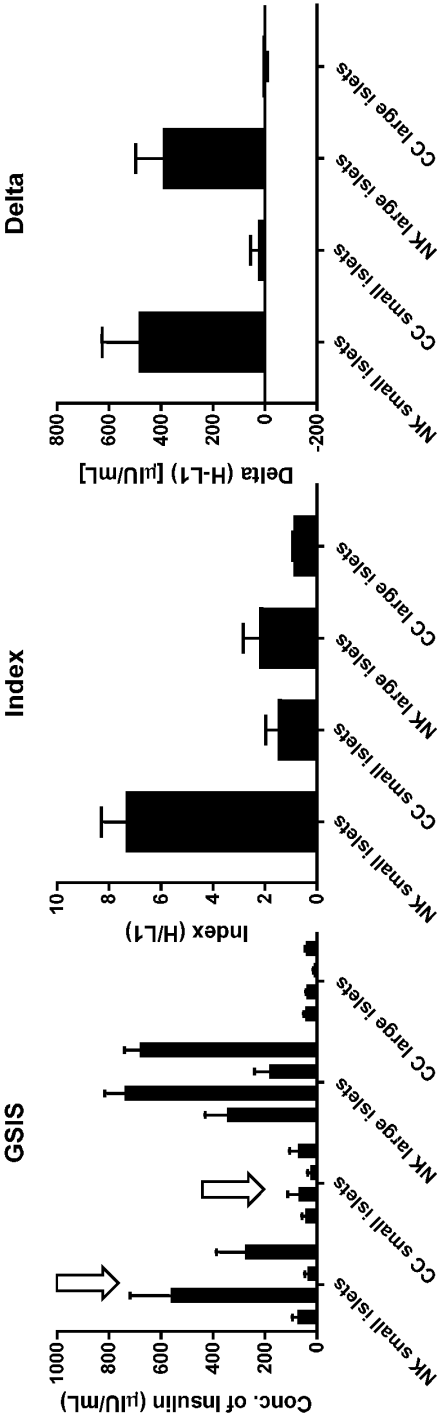
Figure 2**A.**

Figure 2

B.



C.
Figure 2
Control vs Encapsulated, Insulin released

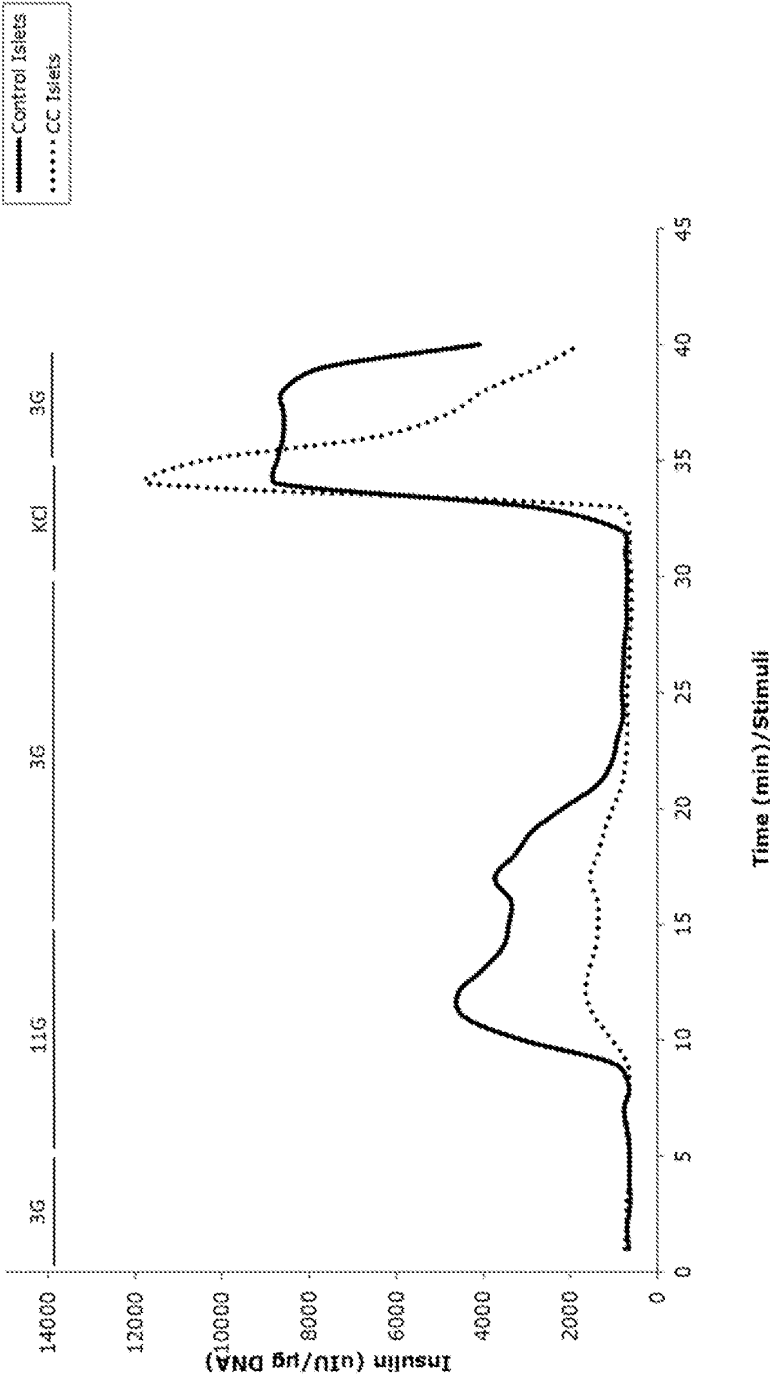


Figure 2

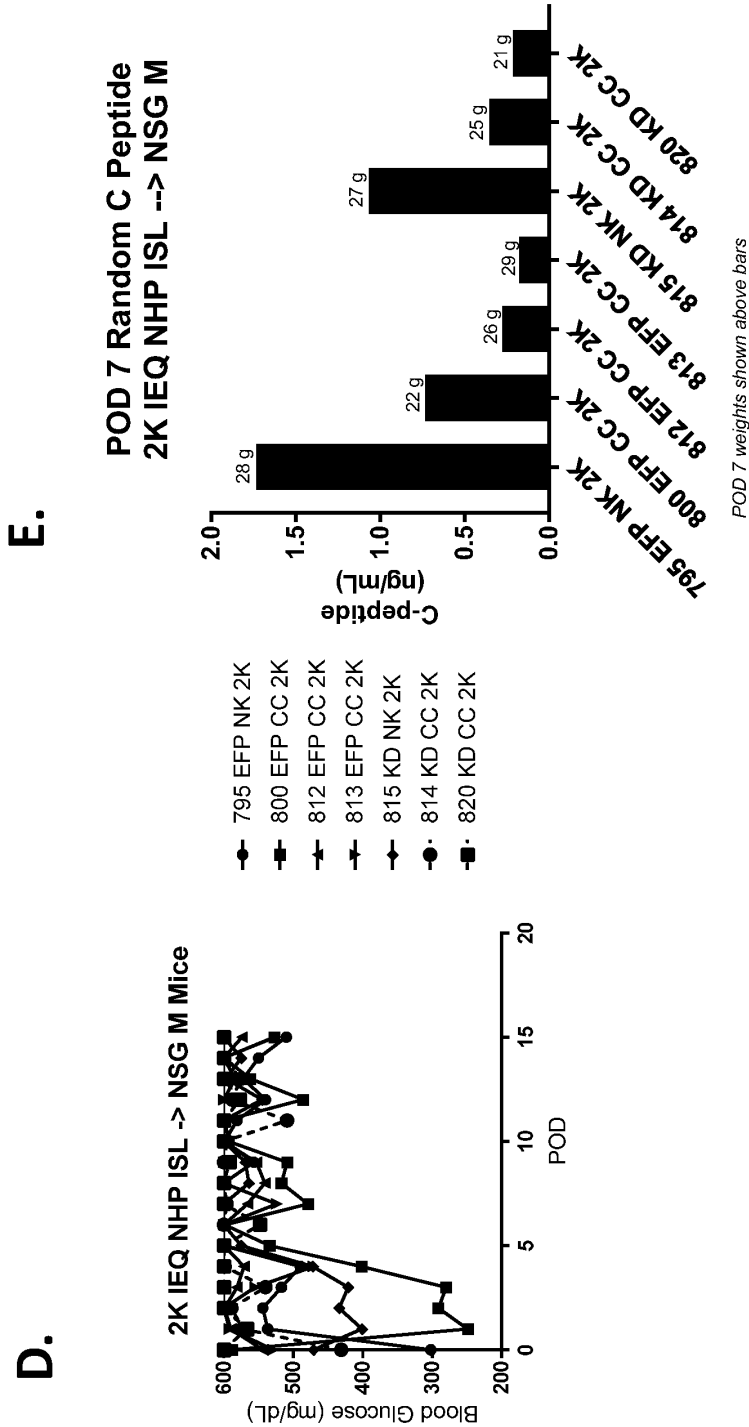


Figure 2
Experiment #1

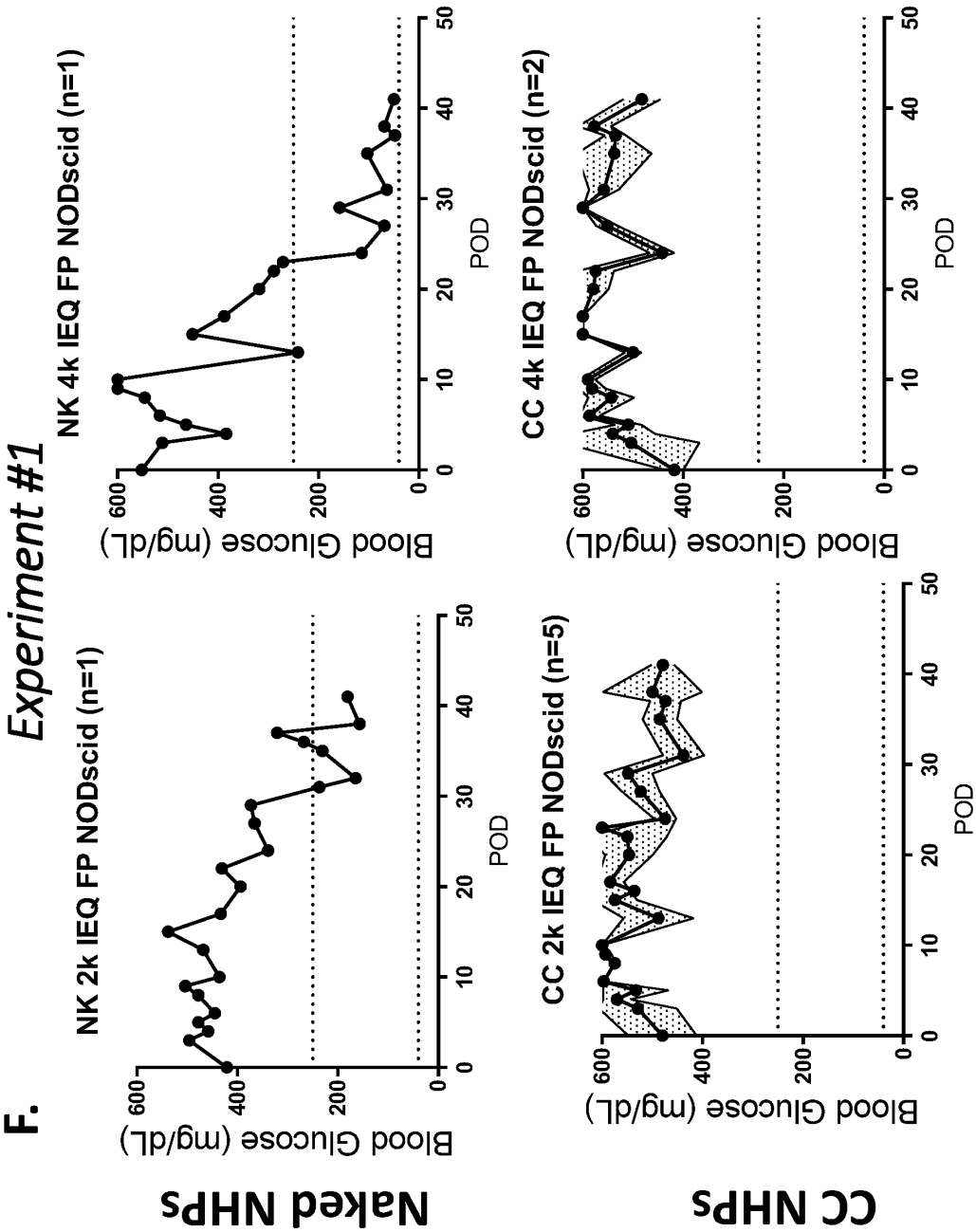


Figure 2
Experiment #2

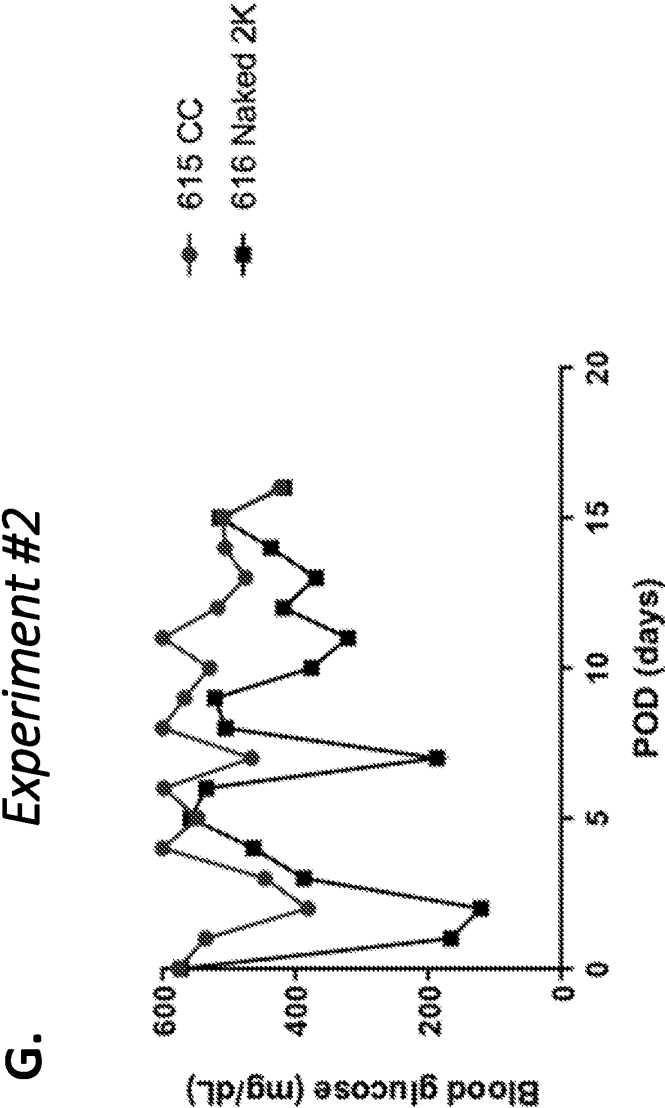


Figure 3

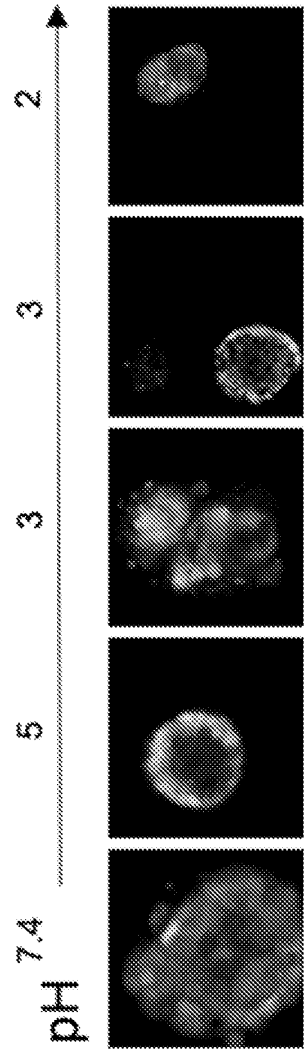


Figure 4



A.

Figure 4

B.

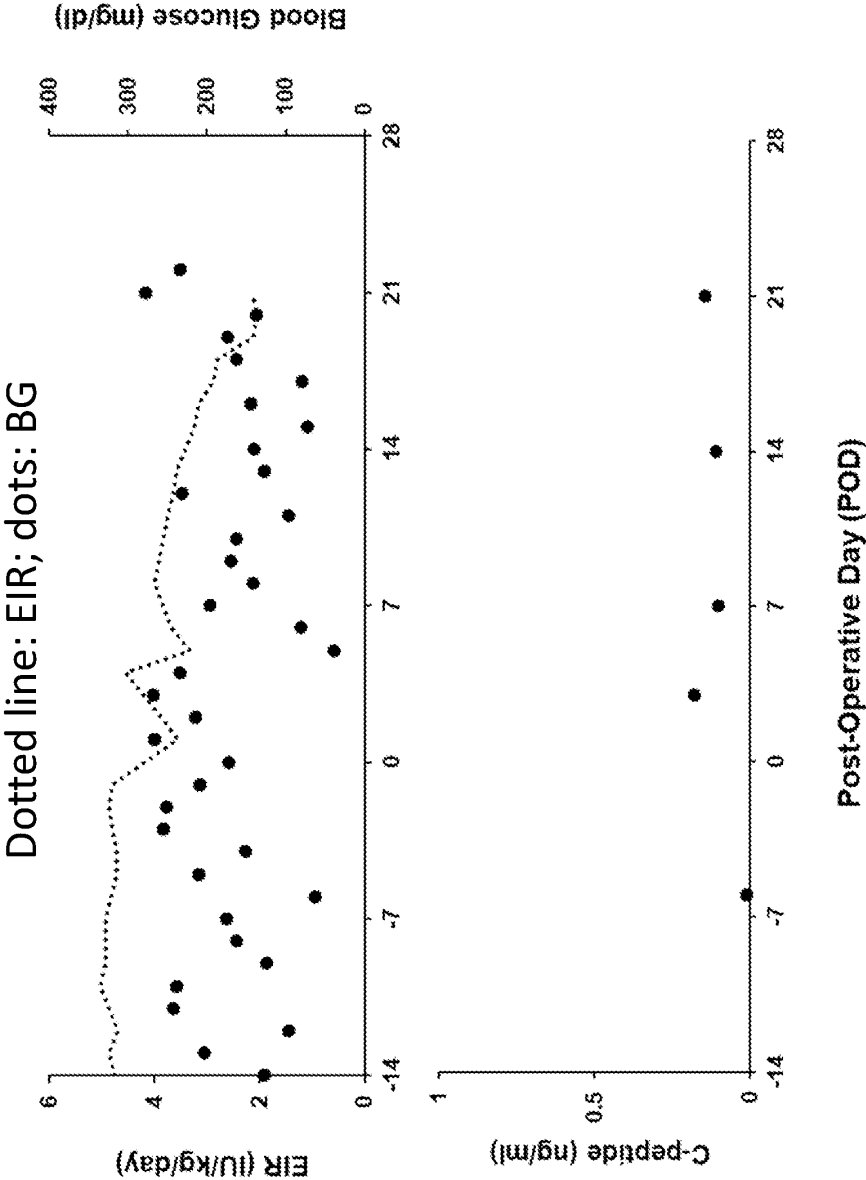
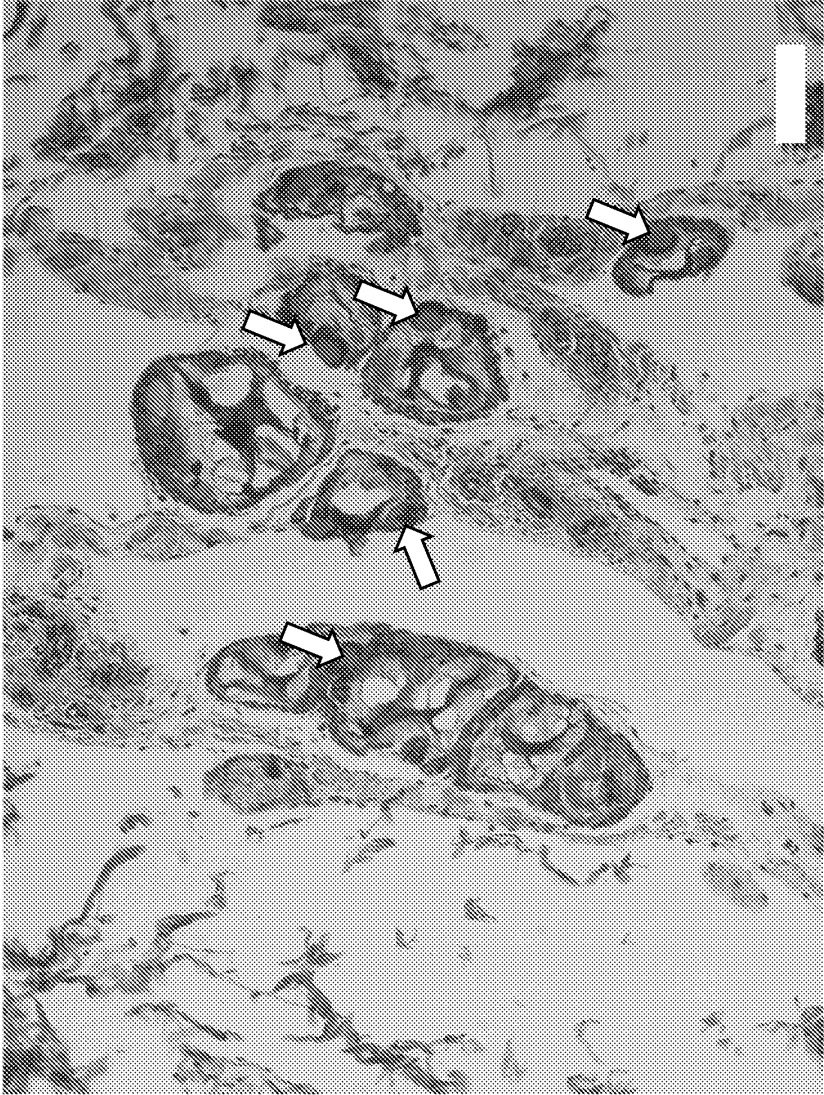
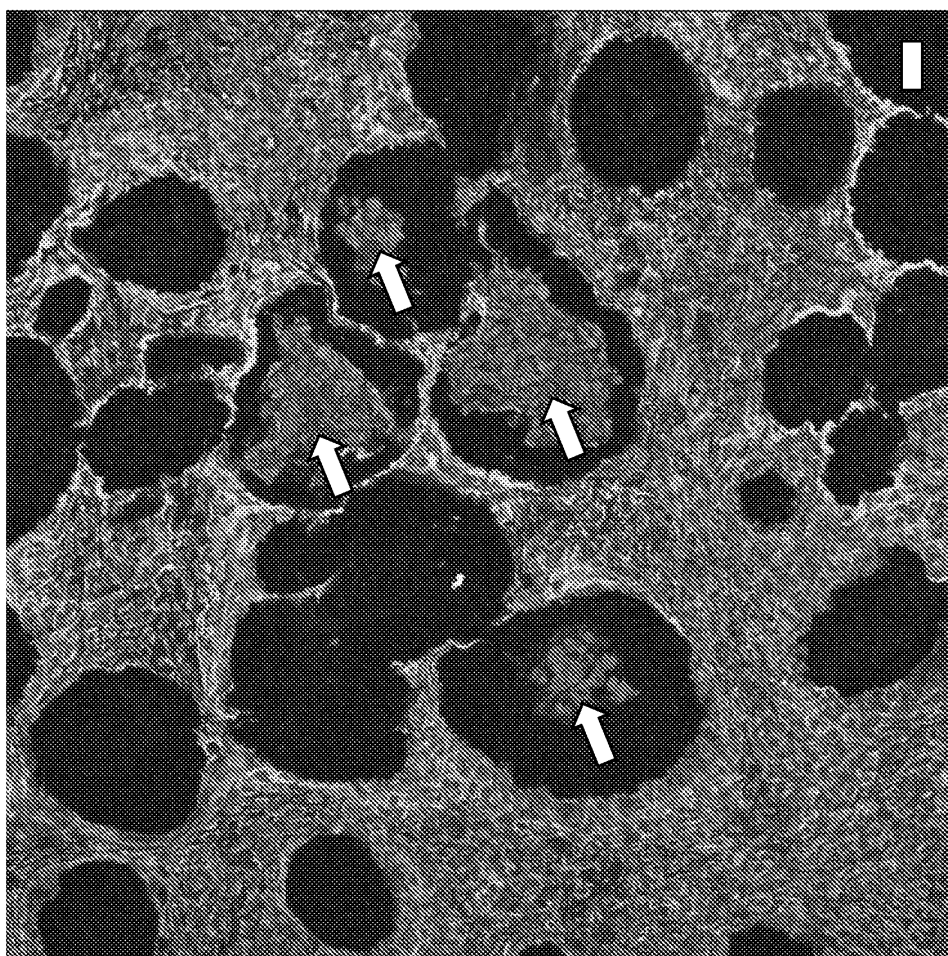


Figure 4



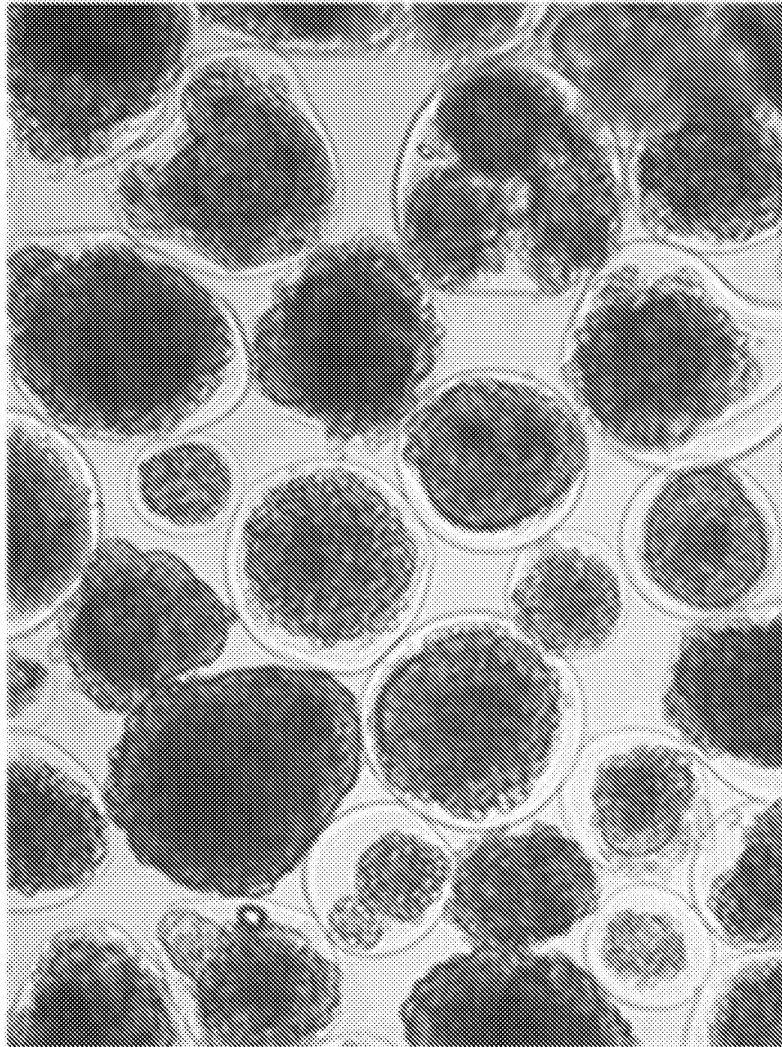
C.

Figure 4



D.

Figure 5



A.

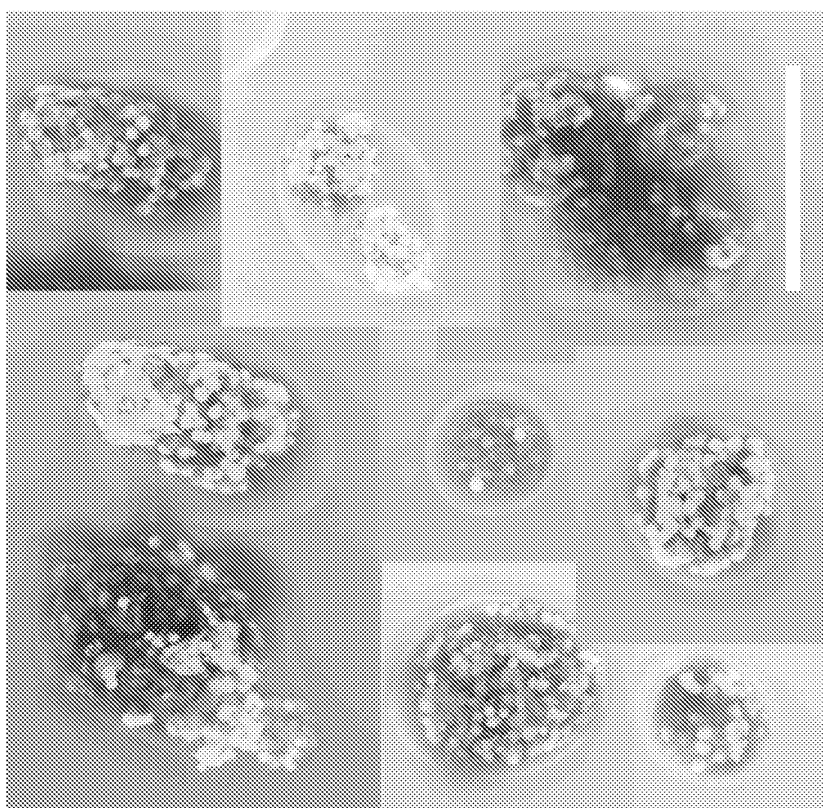
Figure 5**B.**

Figure 5

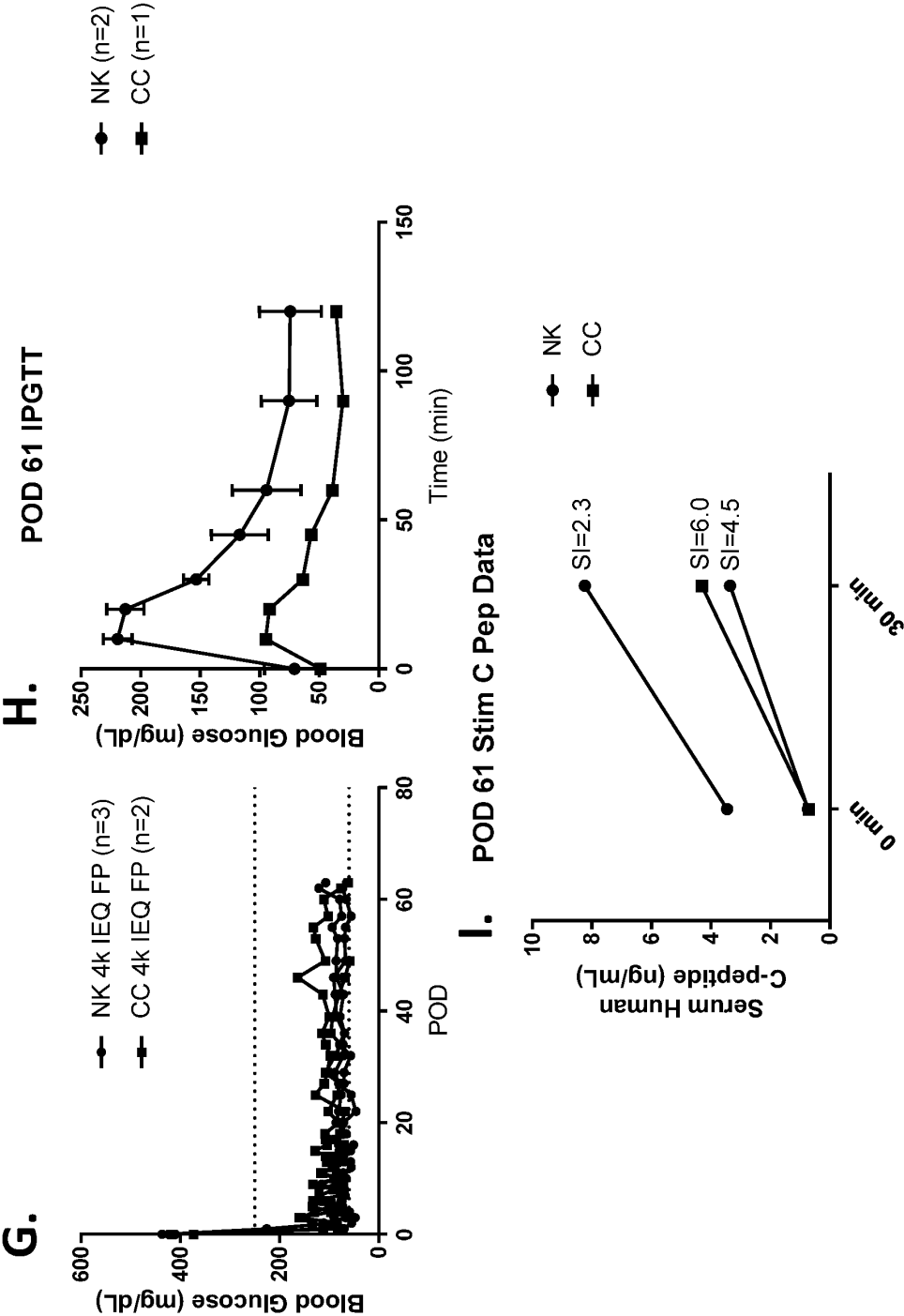


Figure 6

A. Conformally coated islets of Langerhans on the NHP omentum

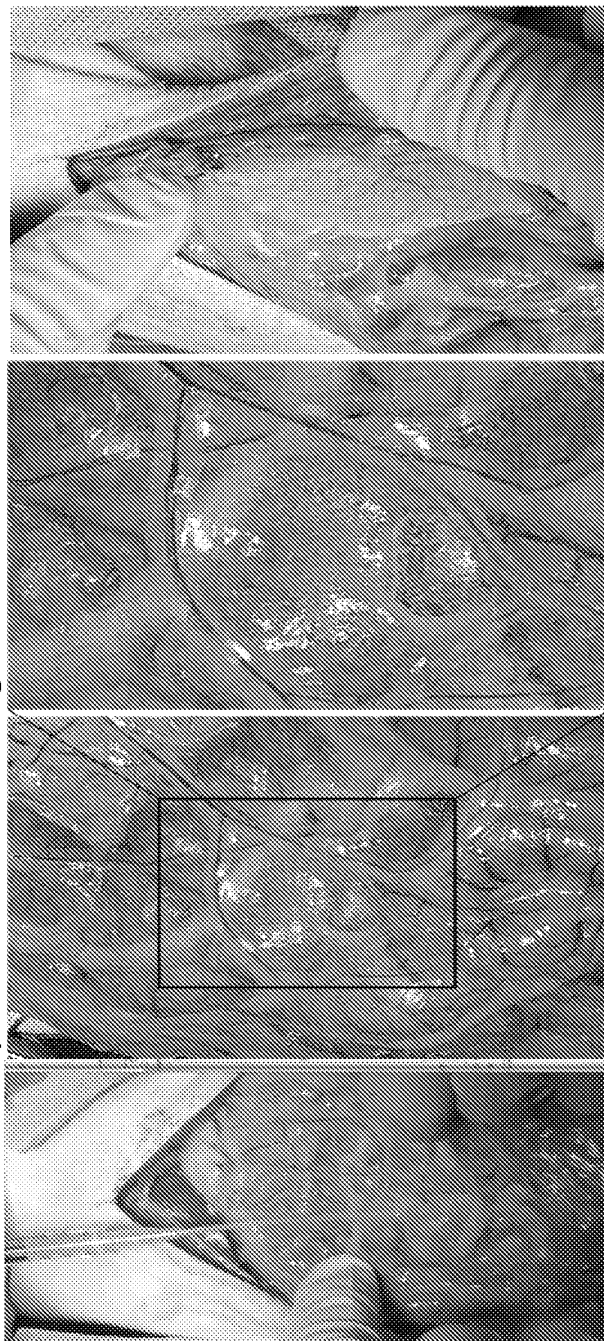


Figure 6

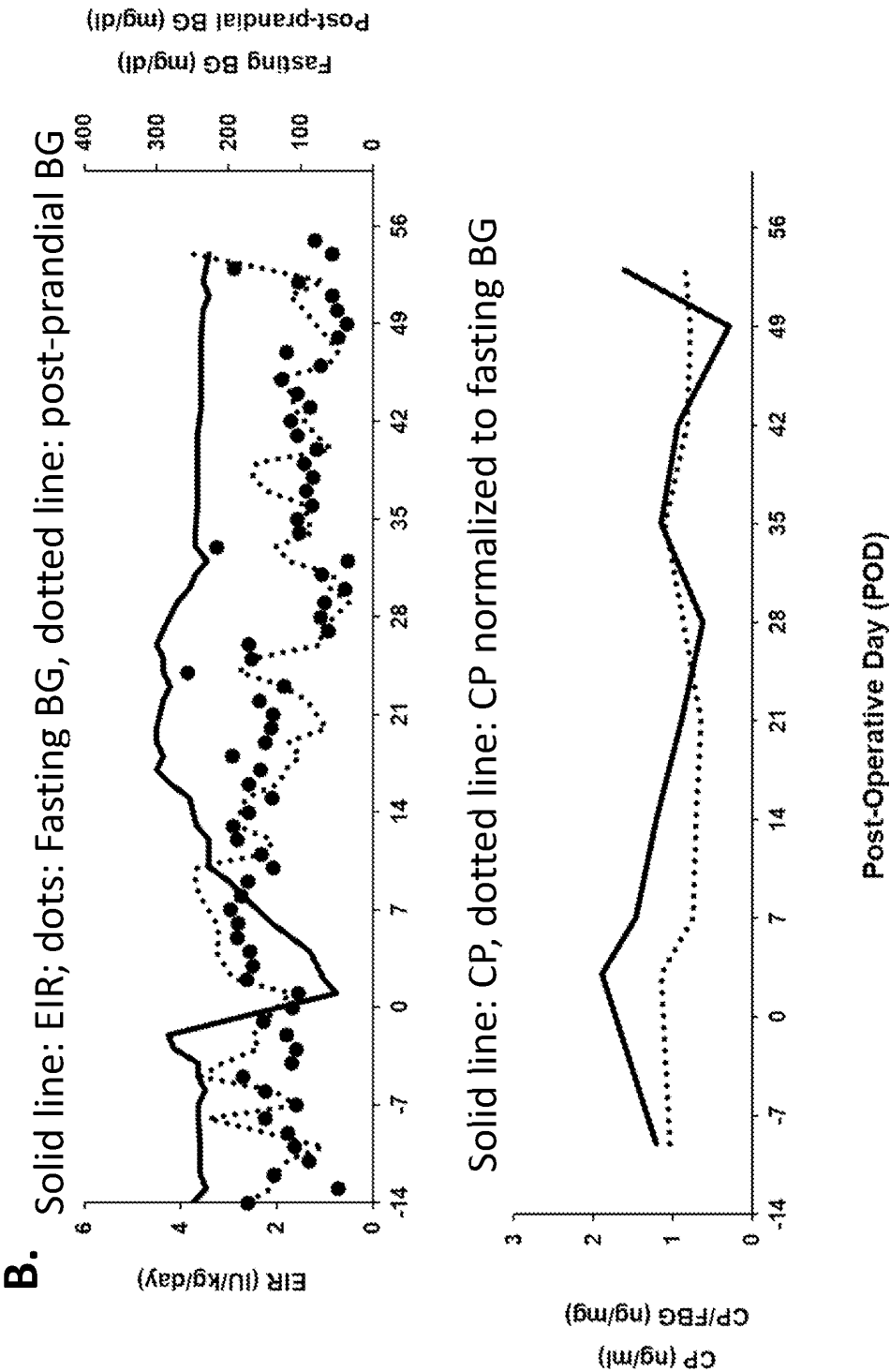


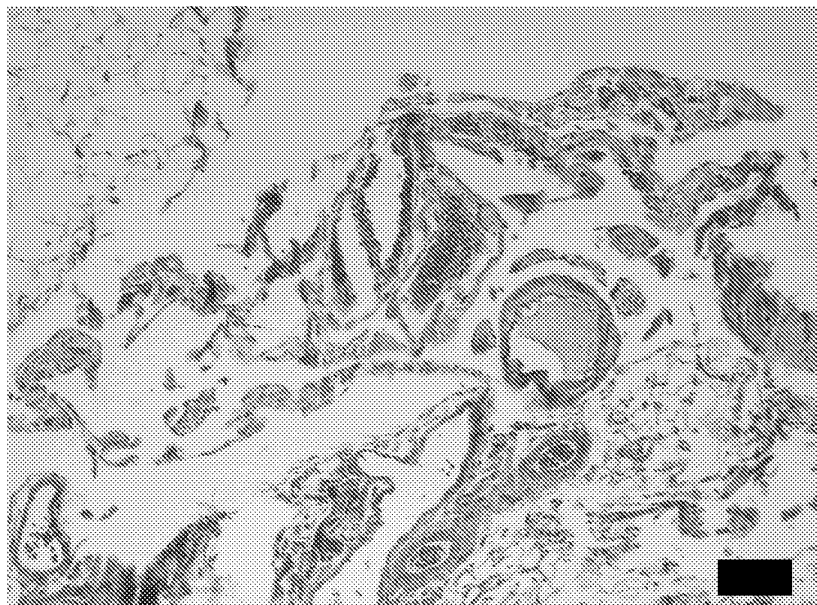
Figure 6

C.

	FBG (mg/dL)	PPG (mg/dL)	EIR (IU/kg/day)
26 days pre-Tx	117.1 ± 38.3	139.1 ± 49.8	3.60 ± 0.22
POD 28-53	89.9 ± 42.5	95.3 ± 39.1	3.63 ± 0.14

Figure 6

D.



E.

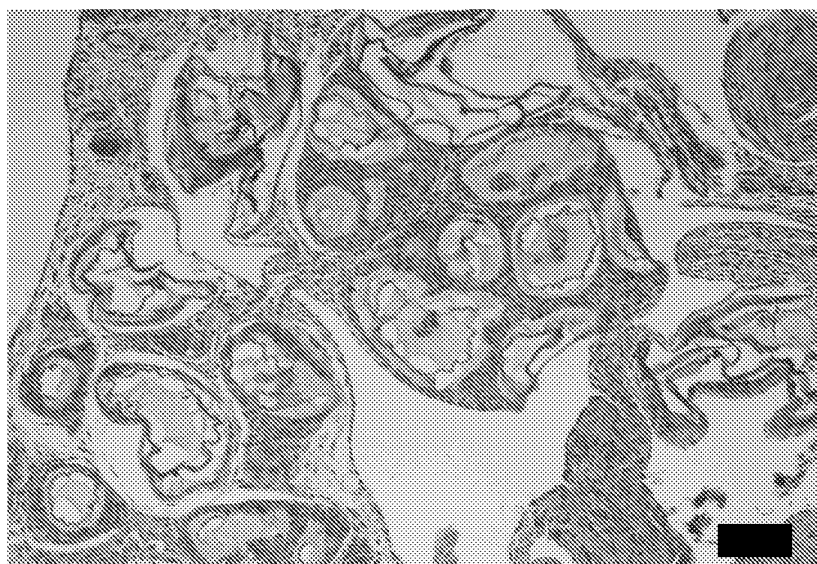


Figure 6

F.

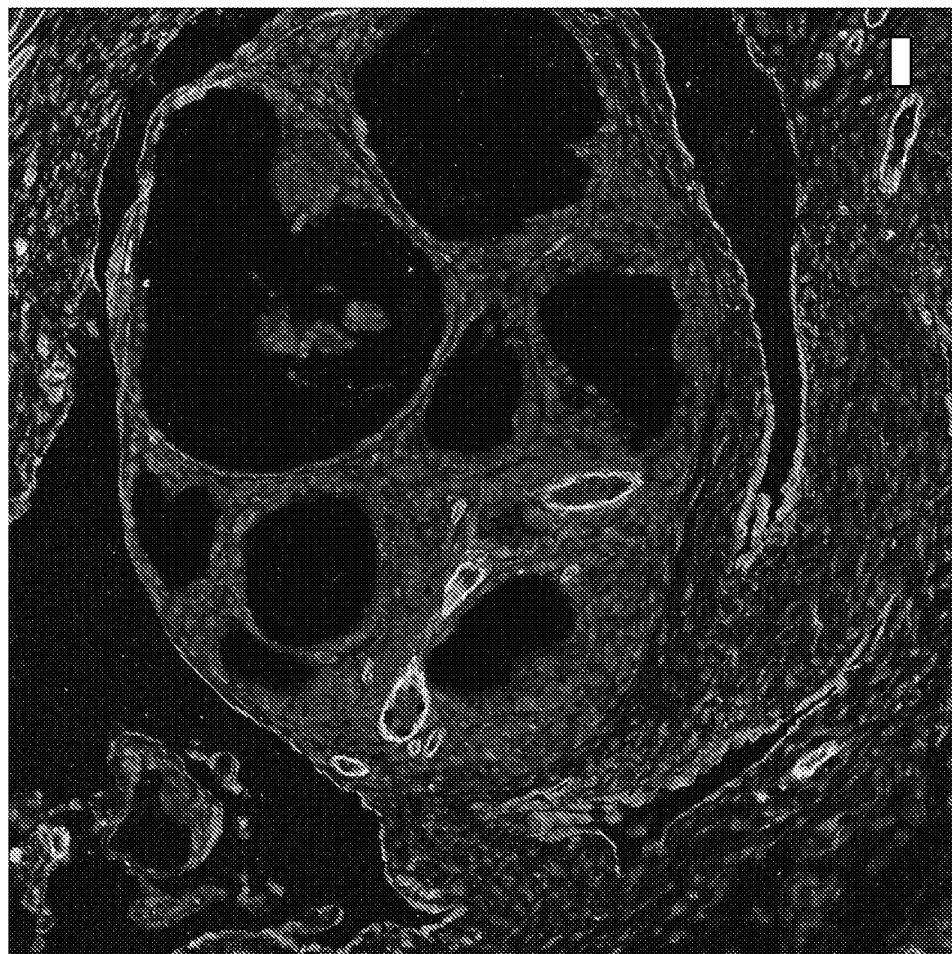


Figure 7

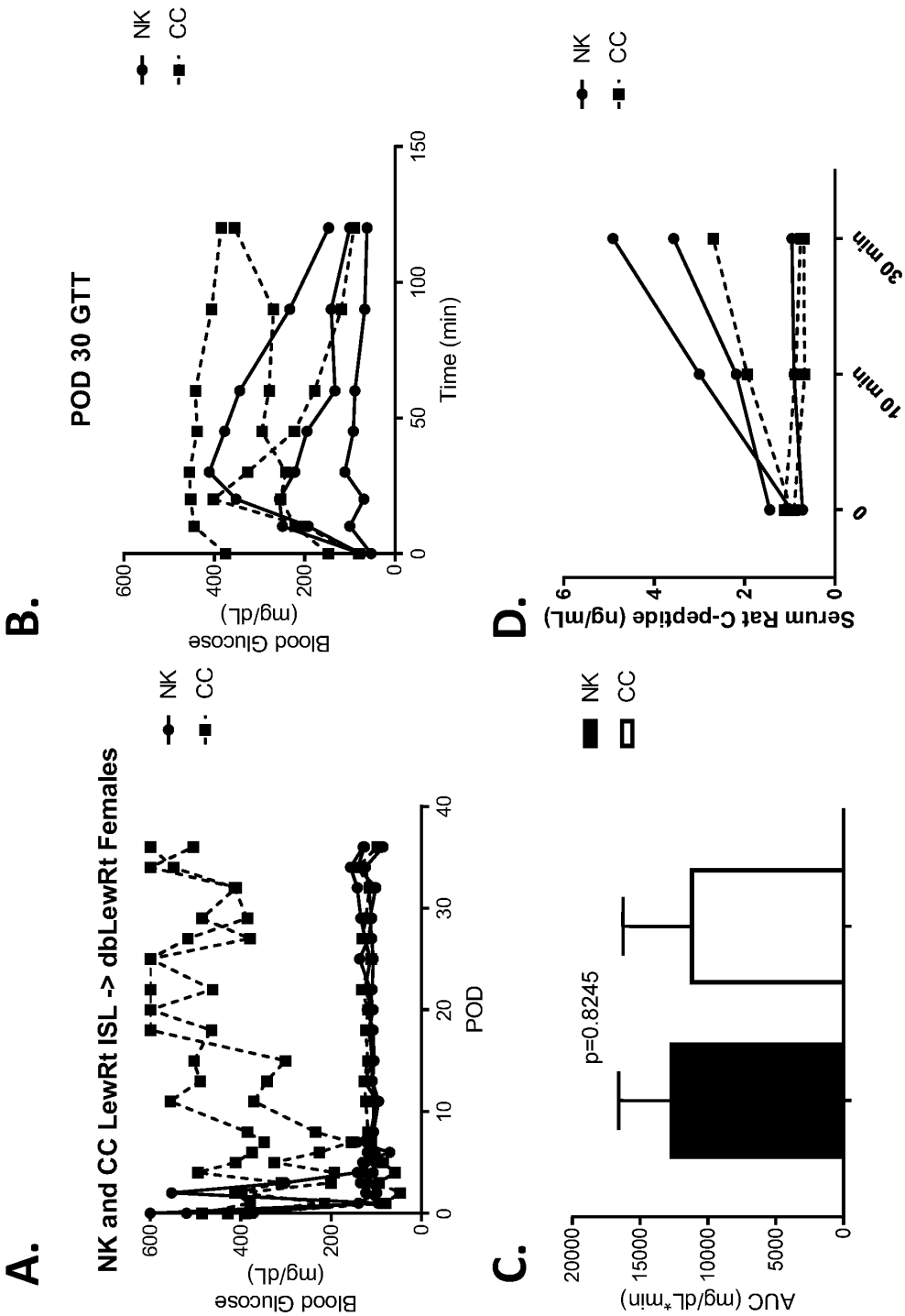


Figure 8

A.

Phase Contrast Images: Naked and Conformal Coated Min6 Clusters

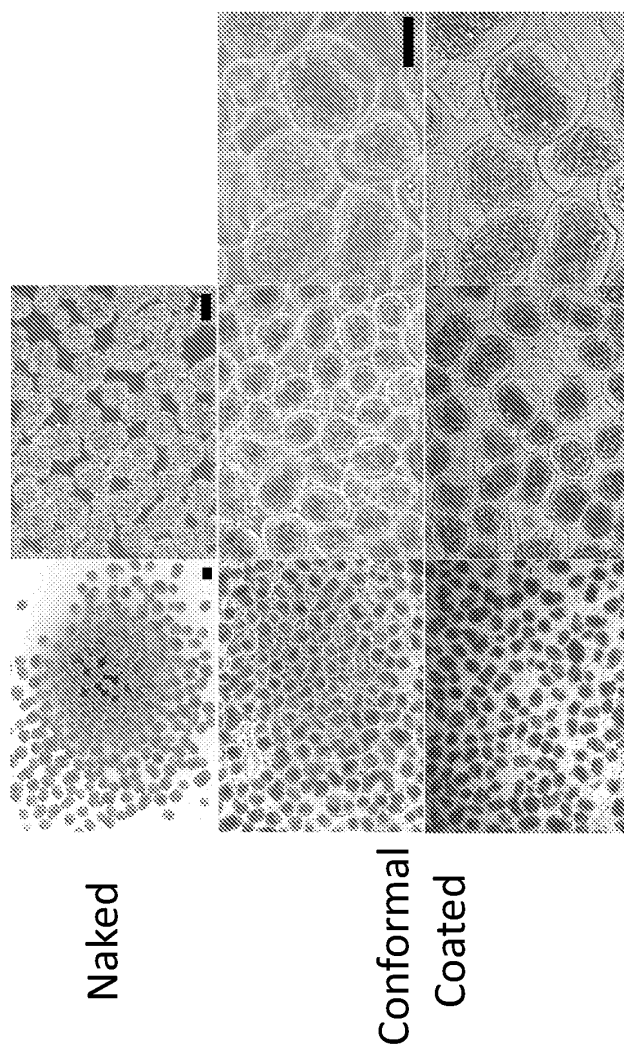


Figure 8

B.

Confocal Micrographs with *Orthogonal Projections* of Conformal Coated Min6 Clusters

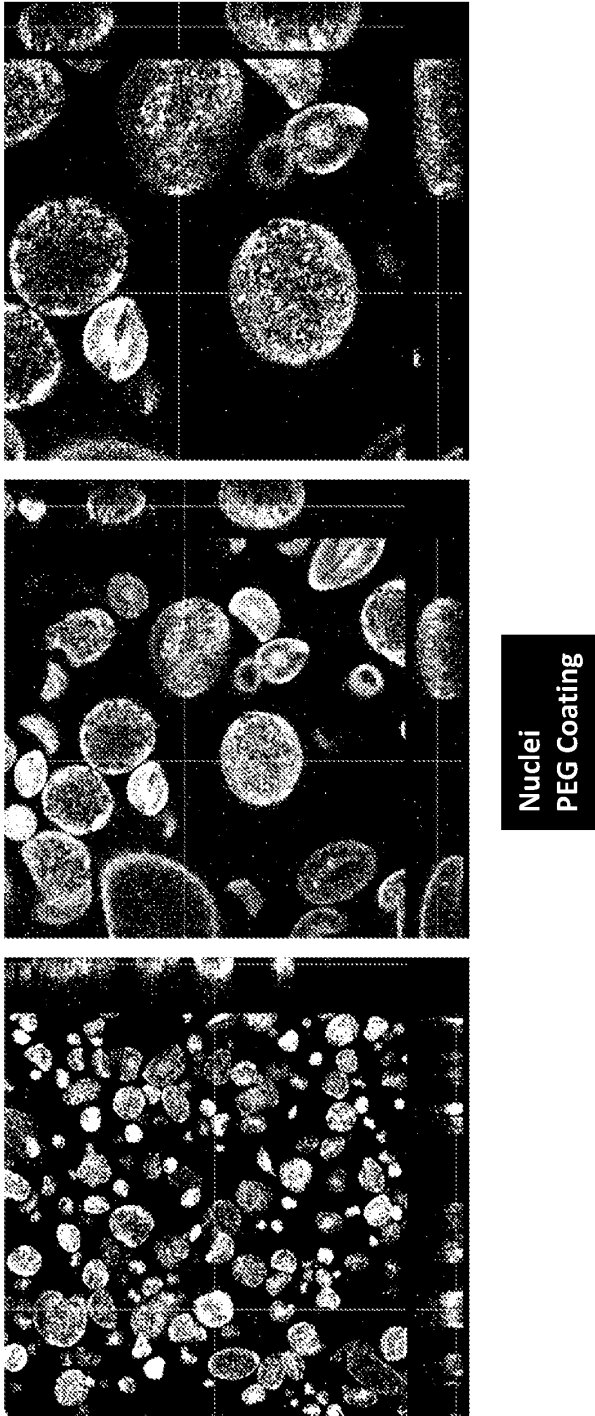


Figure 8

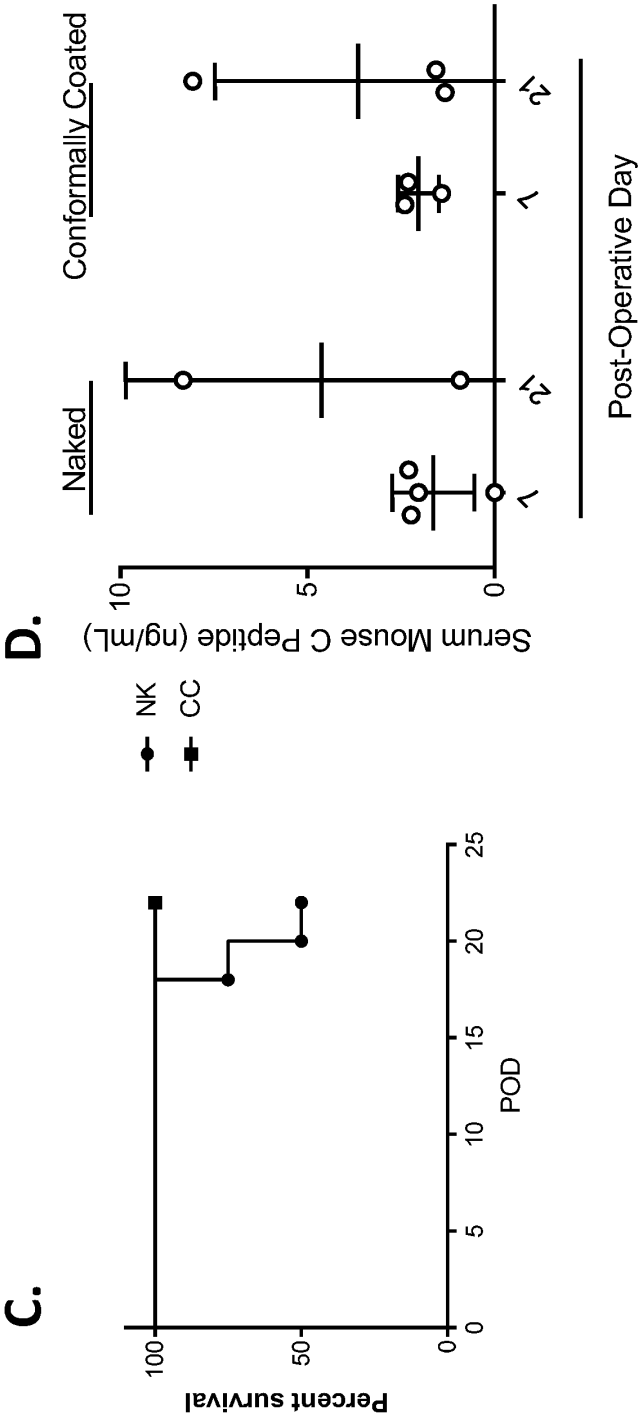


Figure 8

E.

