

Amino acid sequence of glucagon-like peptide-1 (GLP-1):

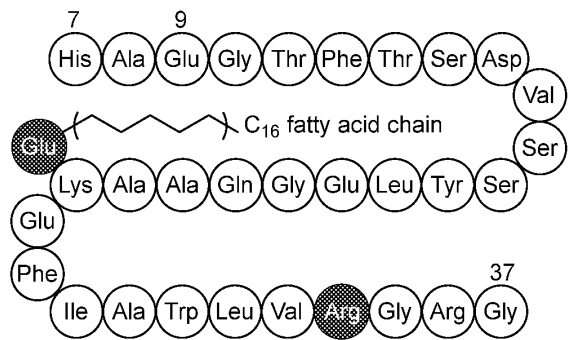
His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Gly-Glu-Ala-Ala-Lys-
Glu-Phe-Ile-Ala-Trp-Leu-Val-Lys-Gly-Arg-Gly-OH

FIG. 1

Amino acid sequence of Exenatide:

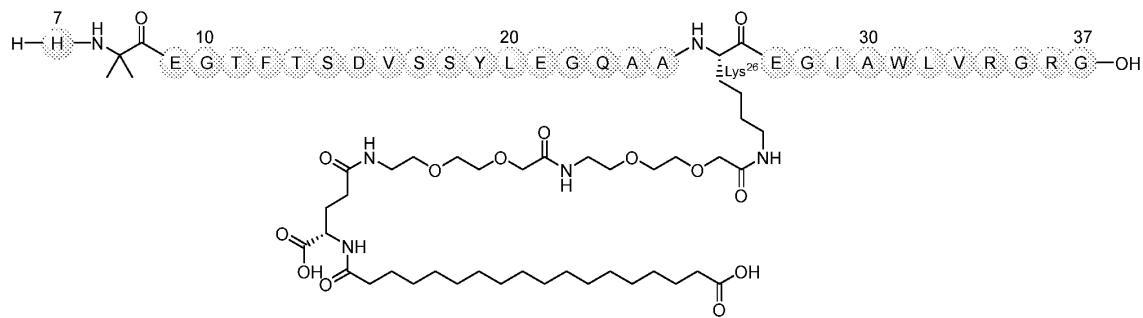
His-Gly-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Leu-Ser-Lys-Gln-Met-Glu-Glu-Ala-Val-Arg-Leu-
Phe-Ile-Glu-Trp-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH₂

FIG. 2



Amino Acid Sequence of Liraglutide

FIG. 3



Amino Acid Sequence of Semaglutide

FIG. 4

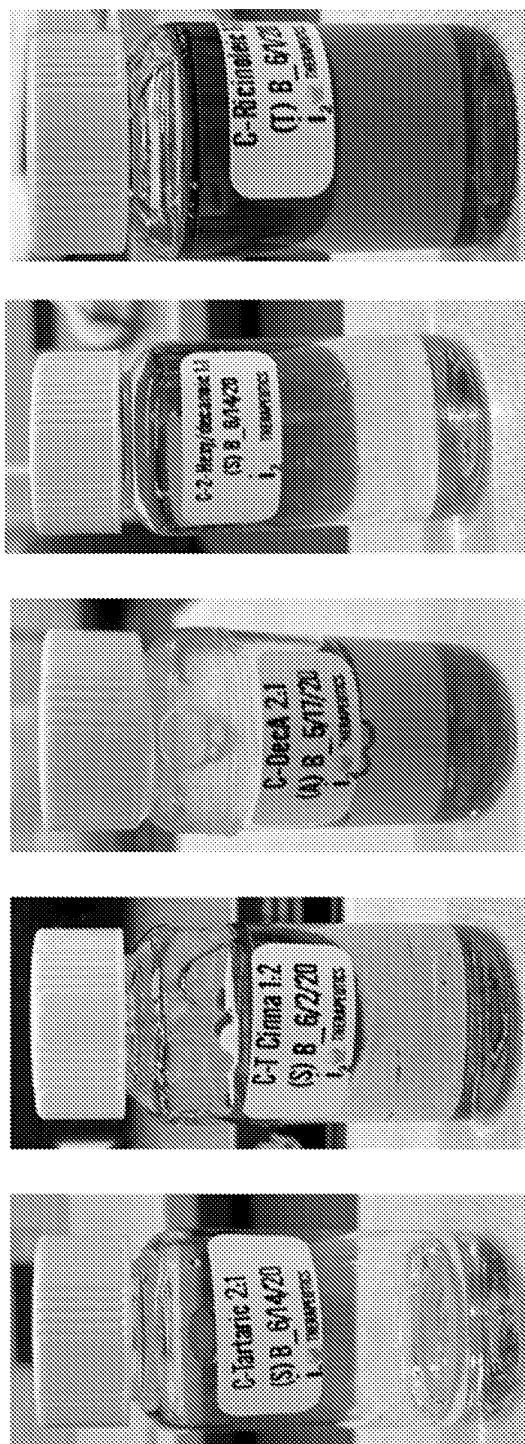


FIG. 5



FIG. 6

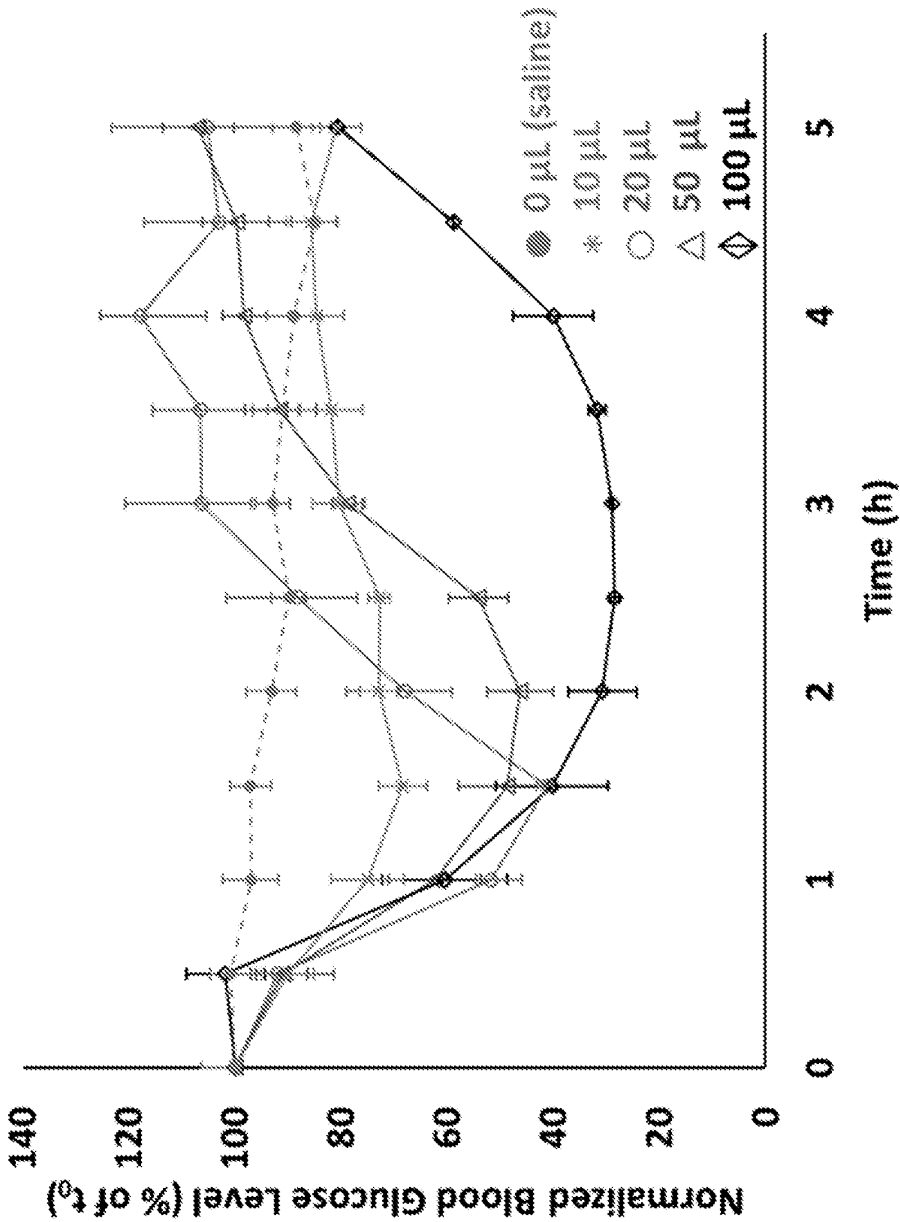


FIG. 7

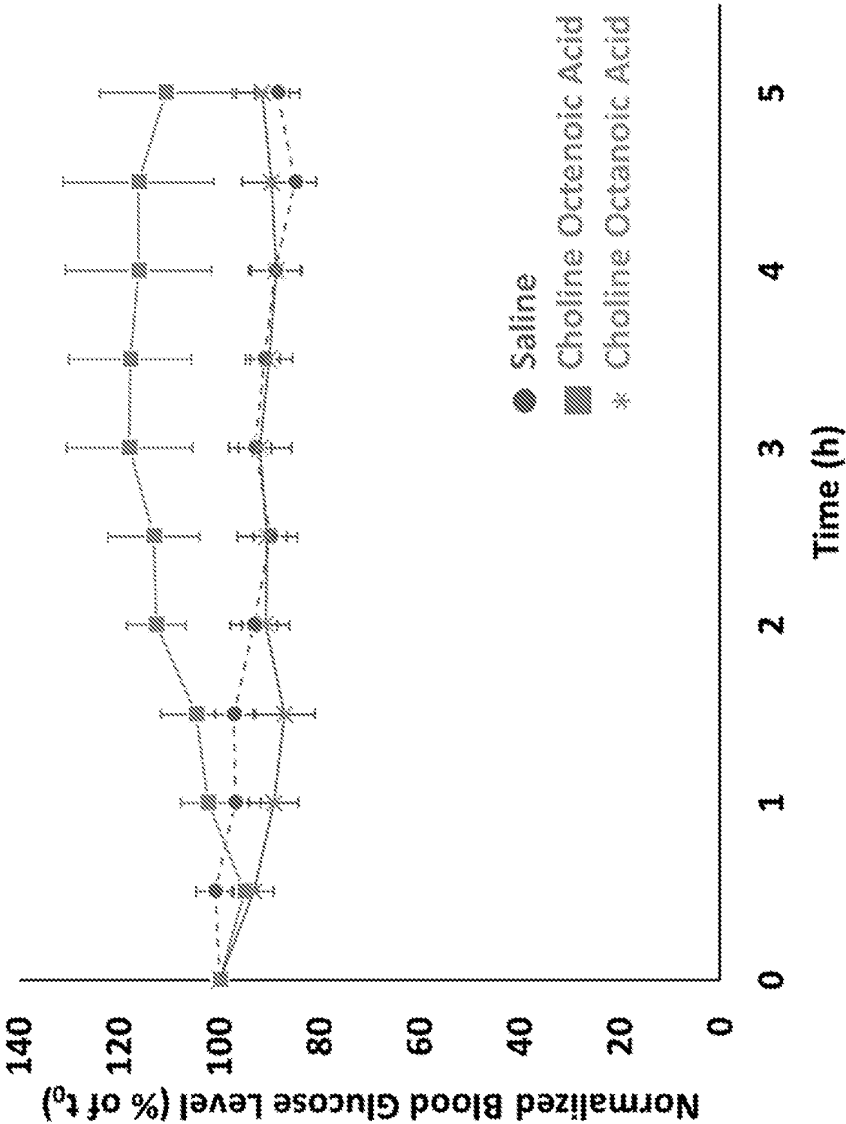


FIG. 8

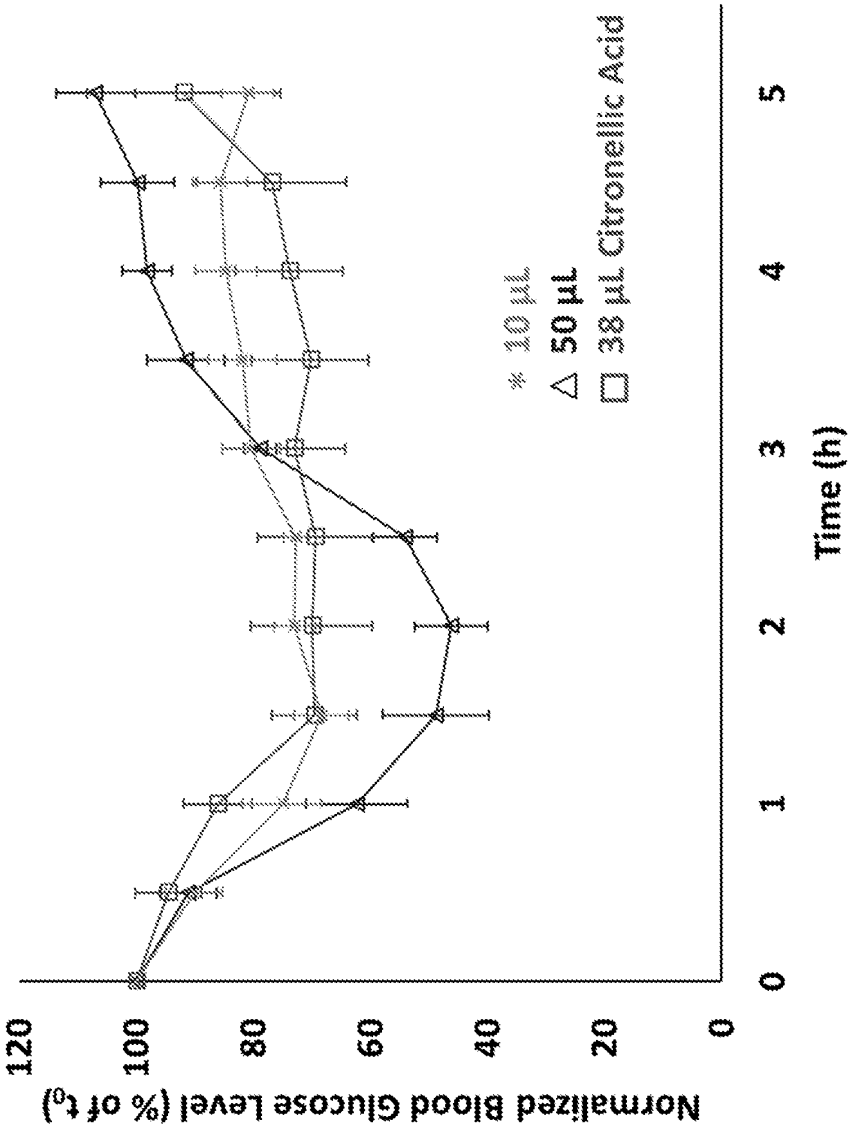


FIG. 9

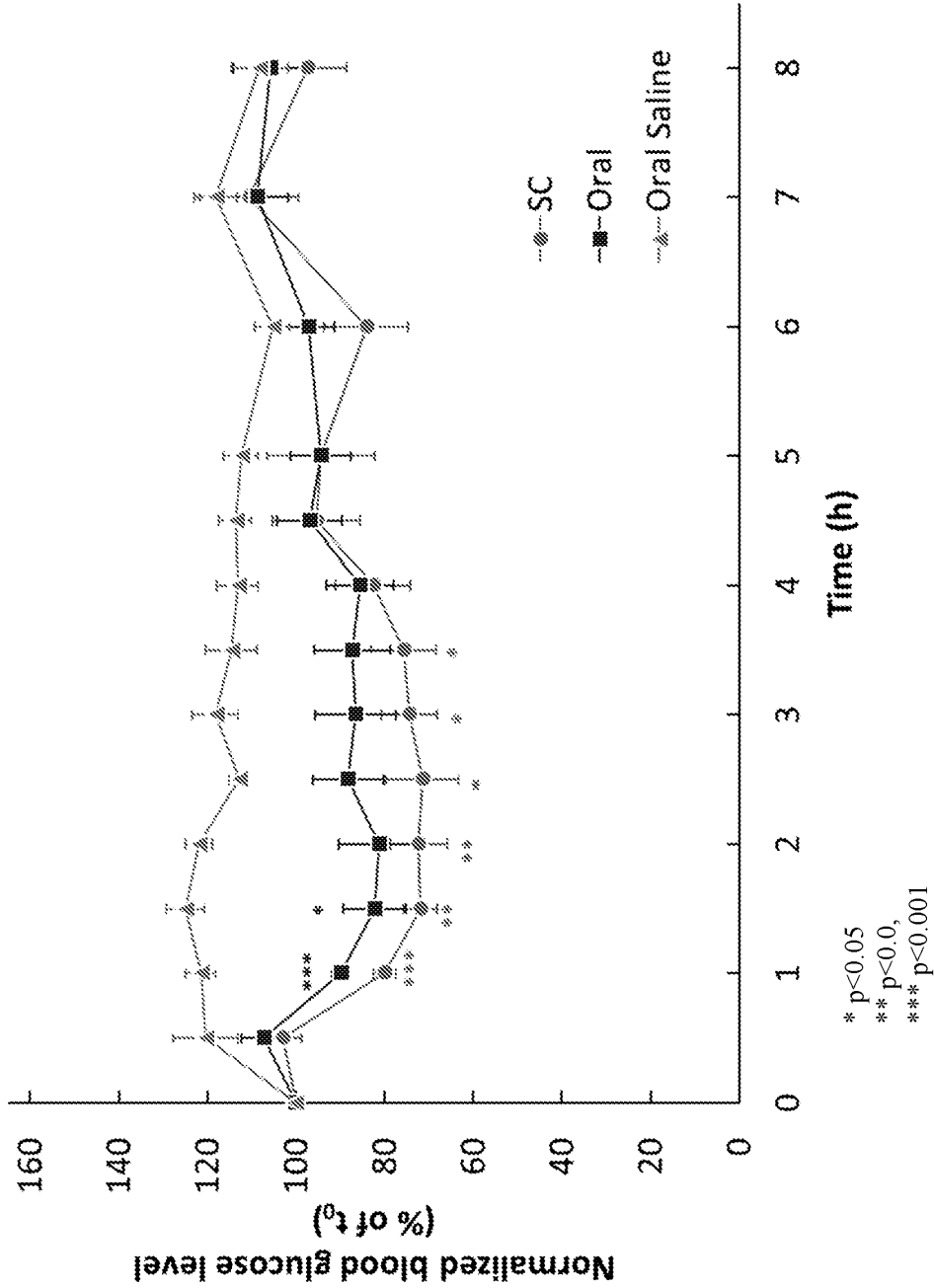


FIG. 10

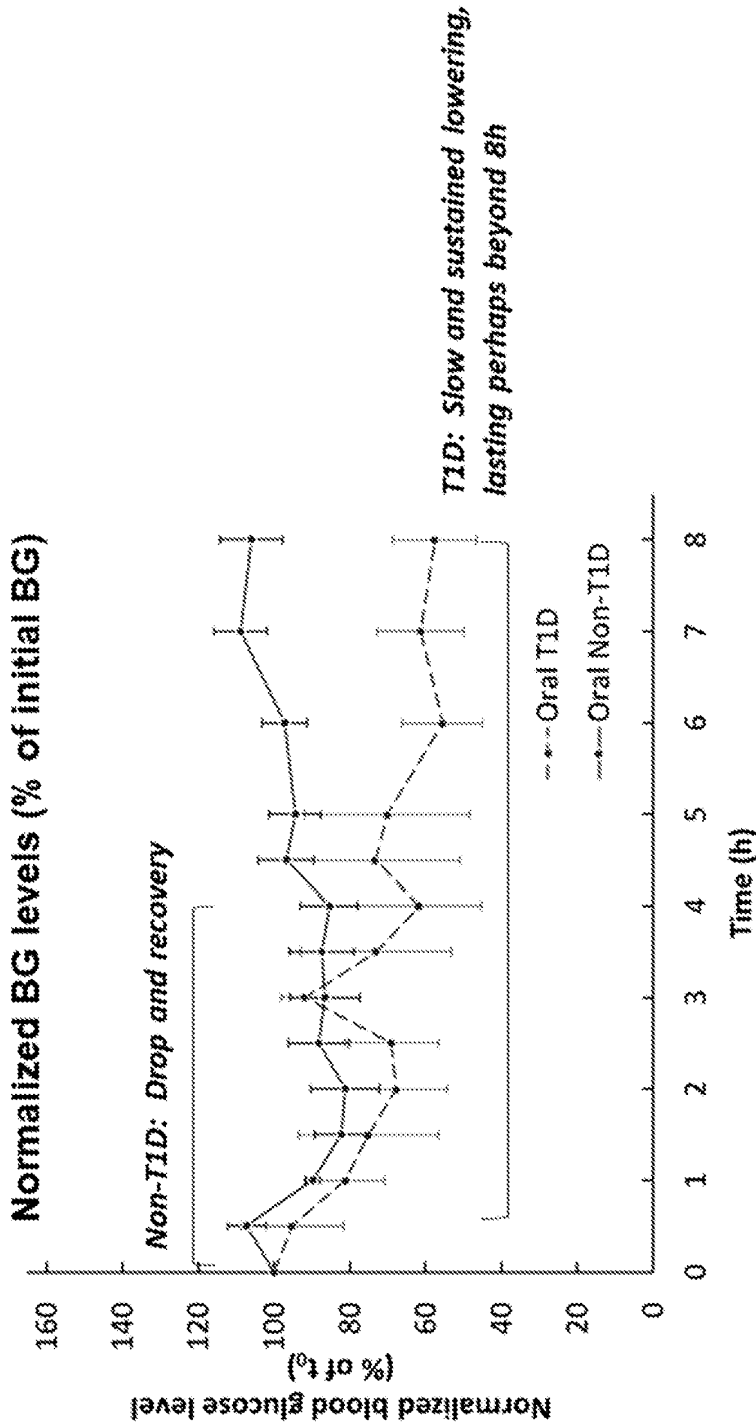


FIG. 11

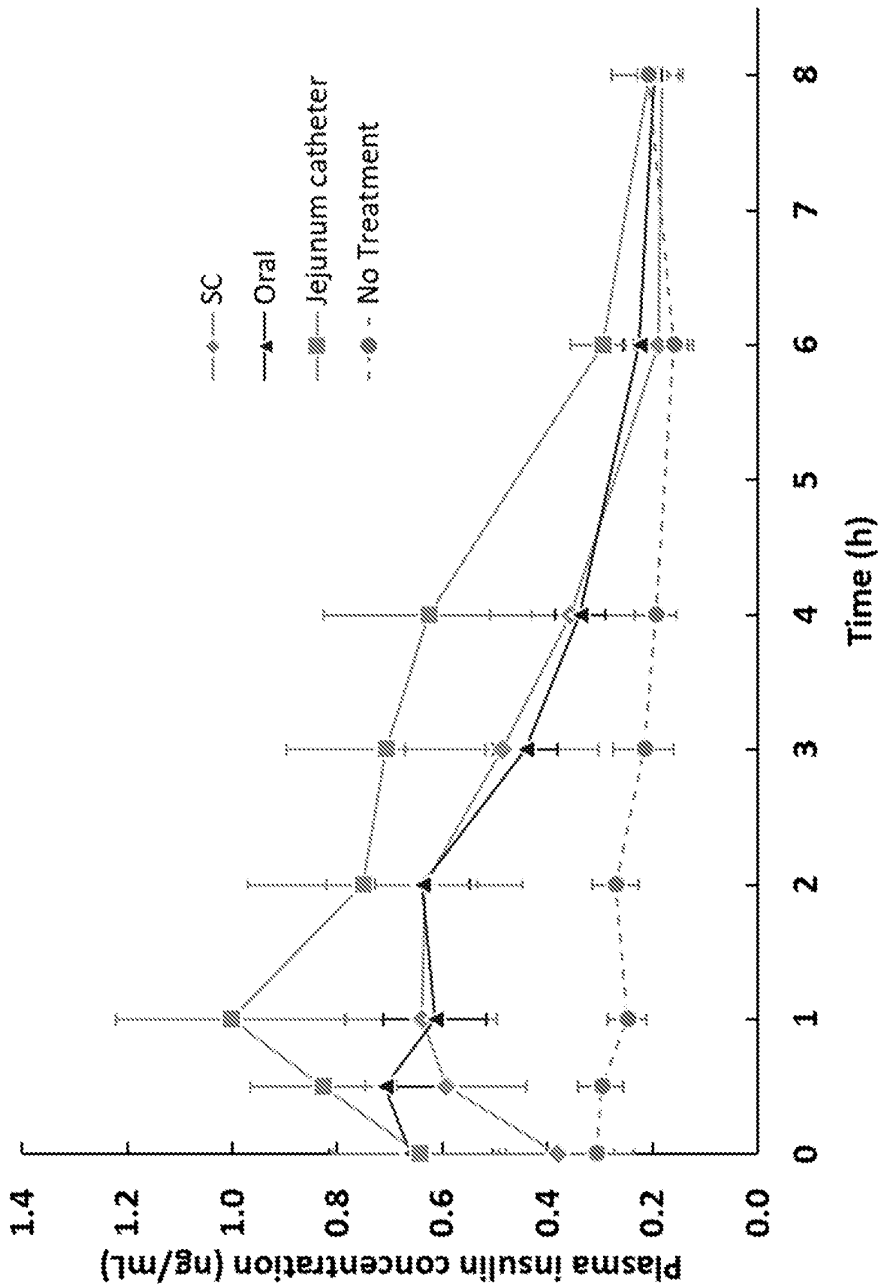


FIG. 12

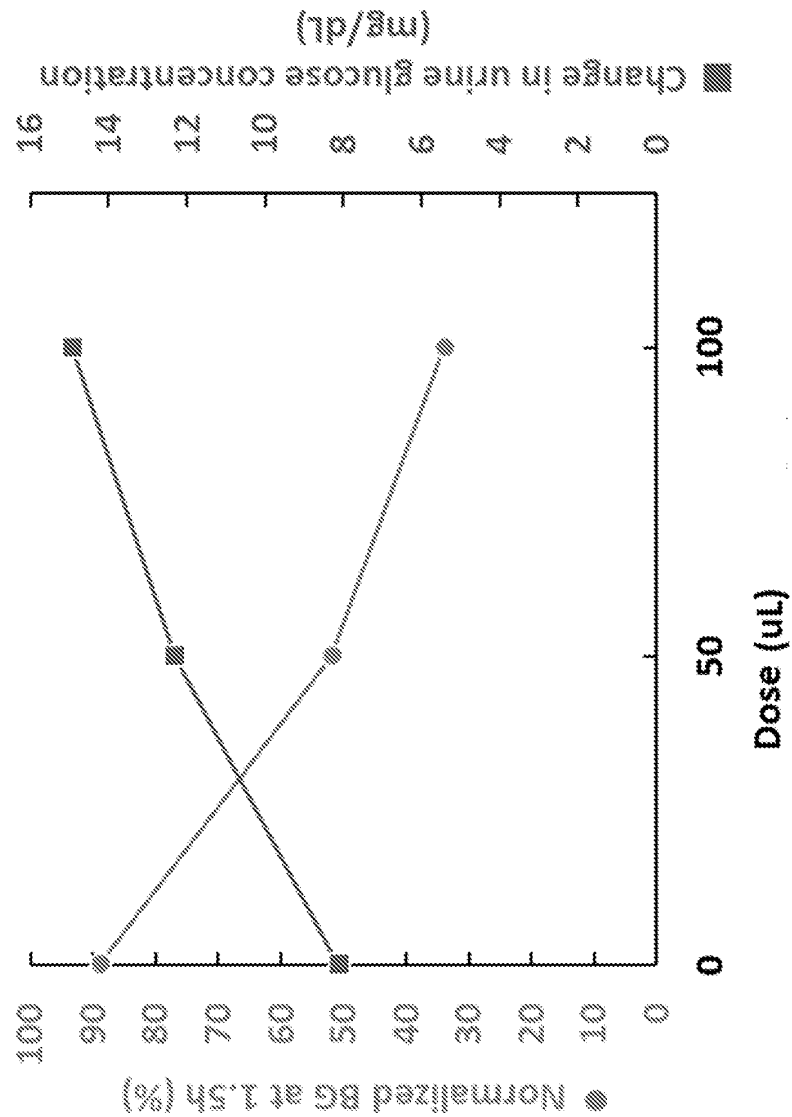


FIG. 13

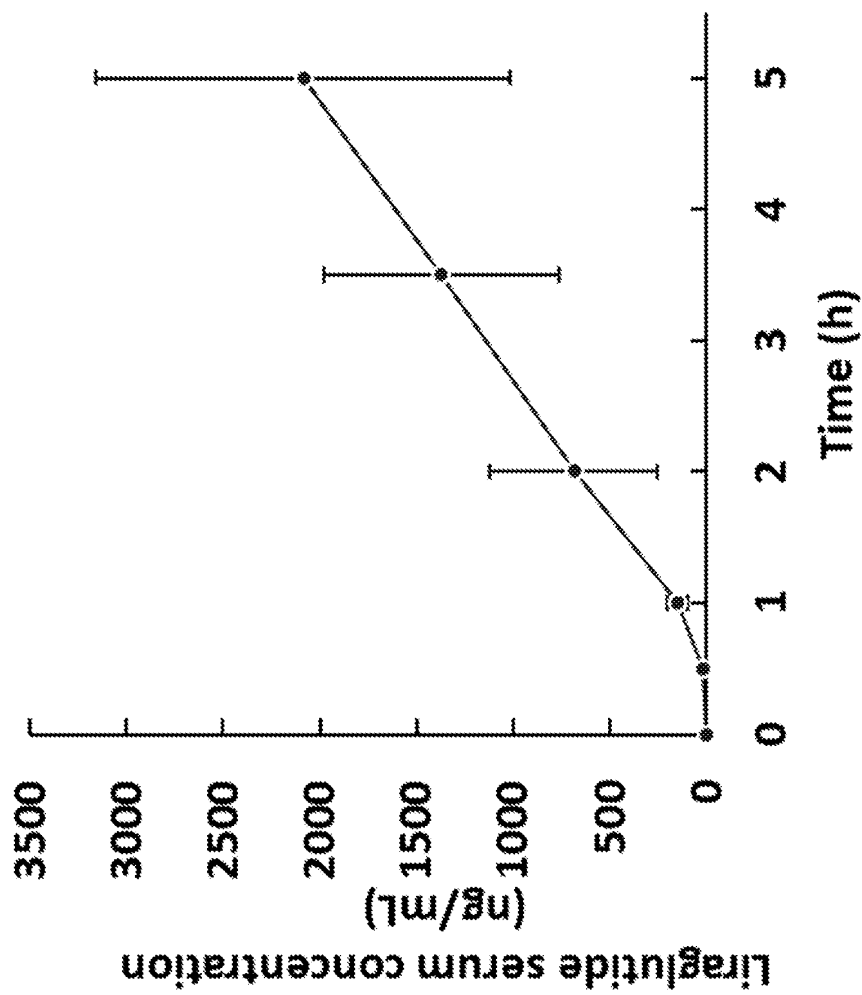


FIG. 14

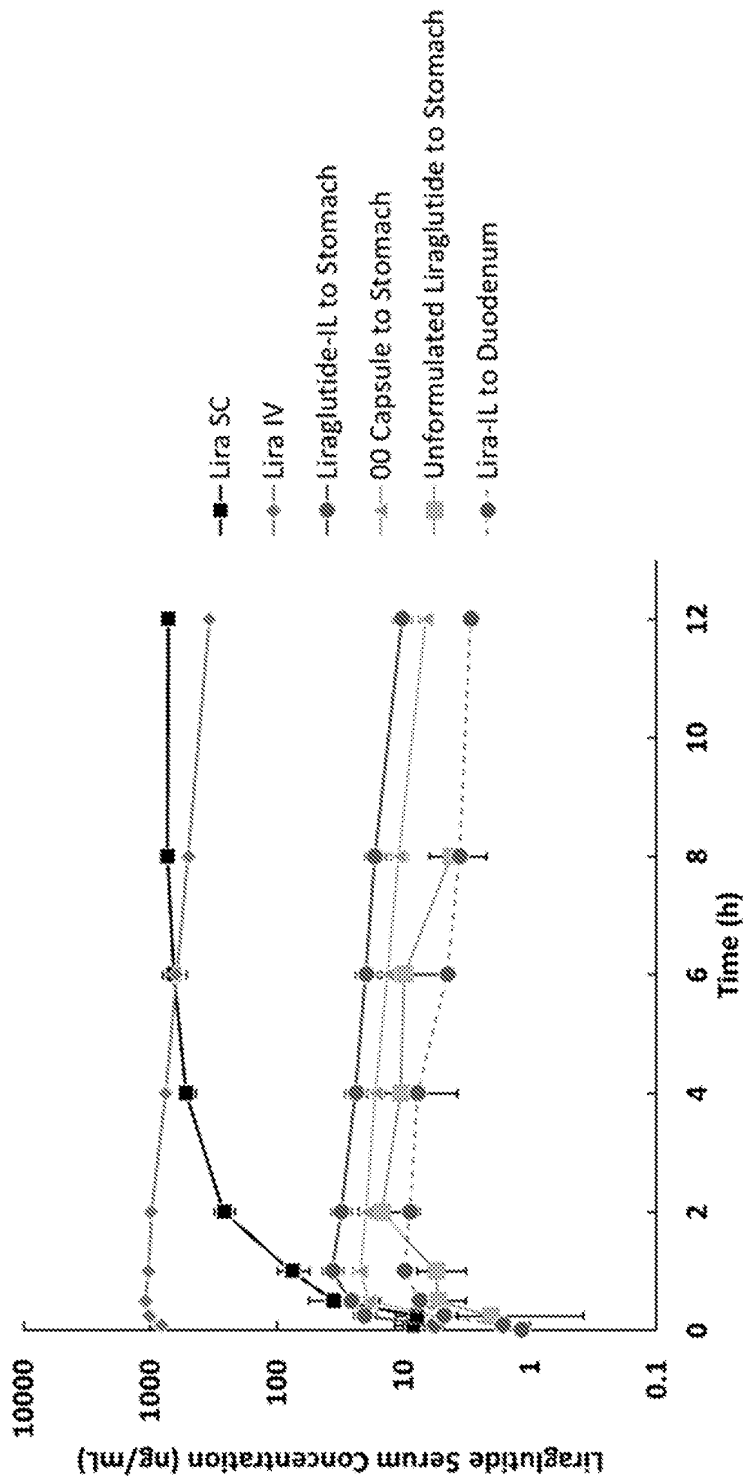


FIG. 15

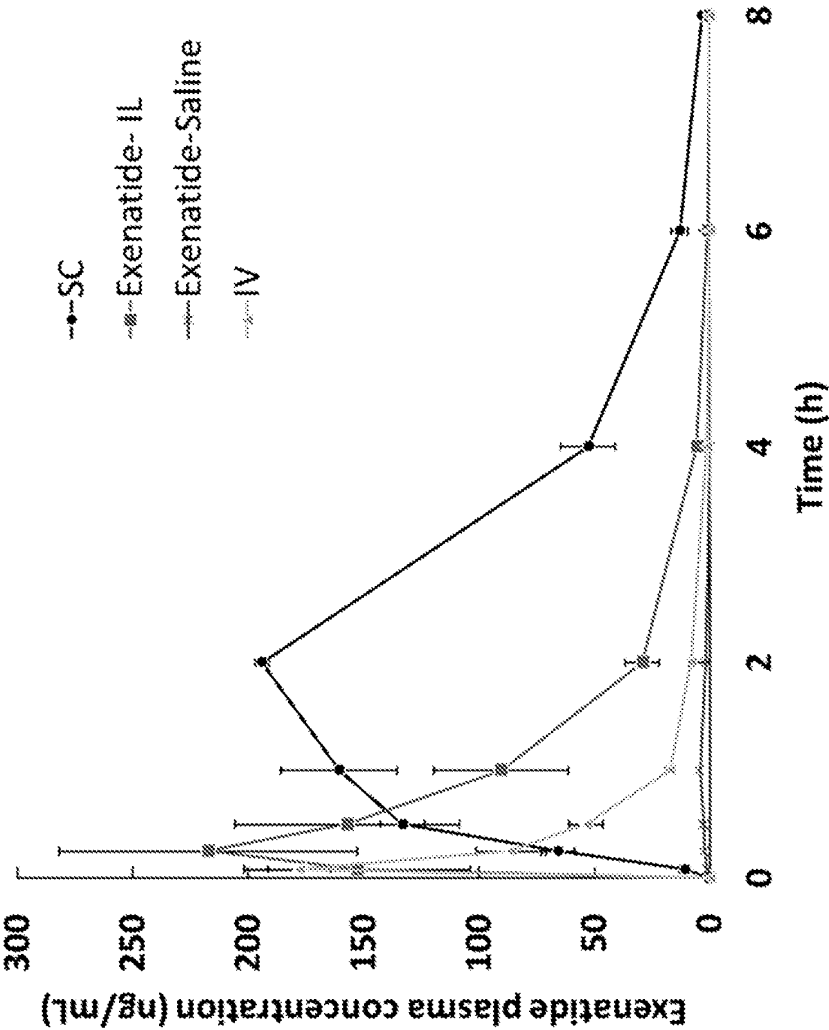


FIG. 16

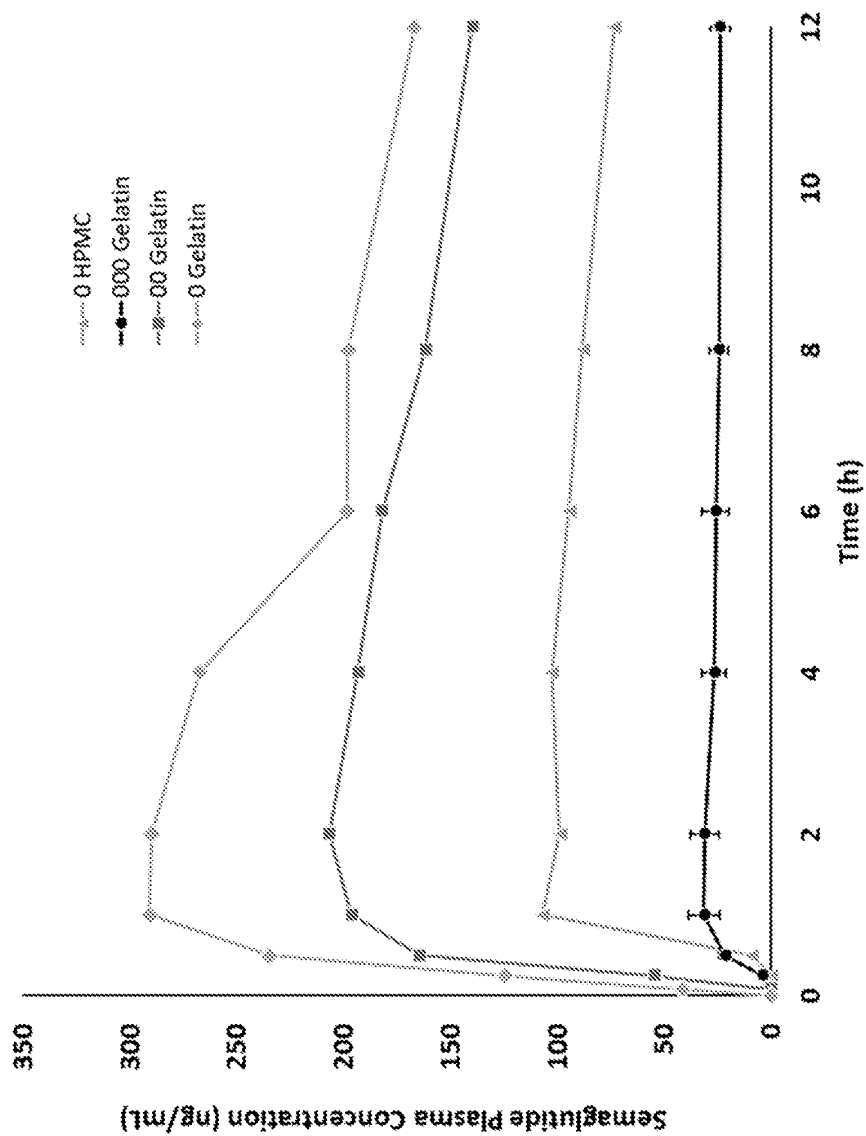


FIG. 17

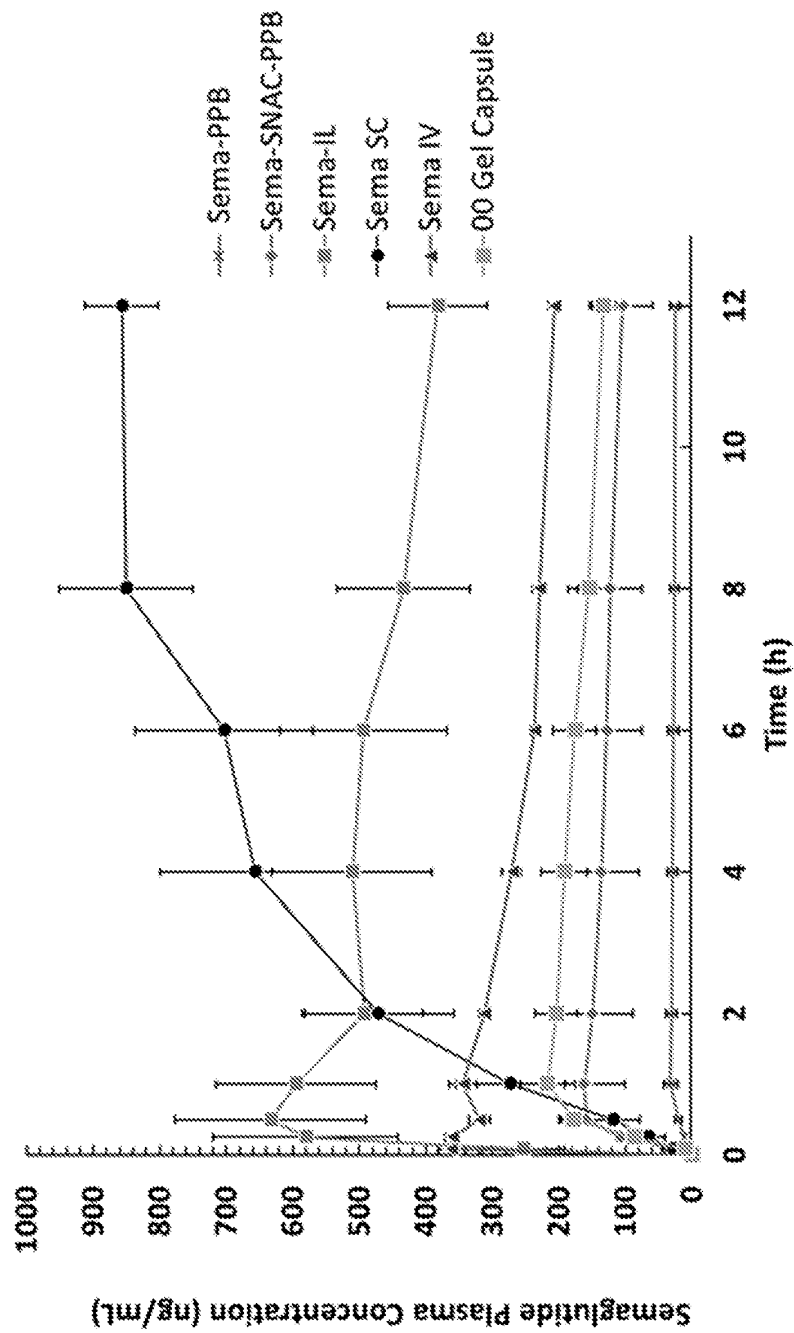


FIG. 18

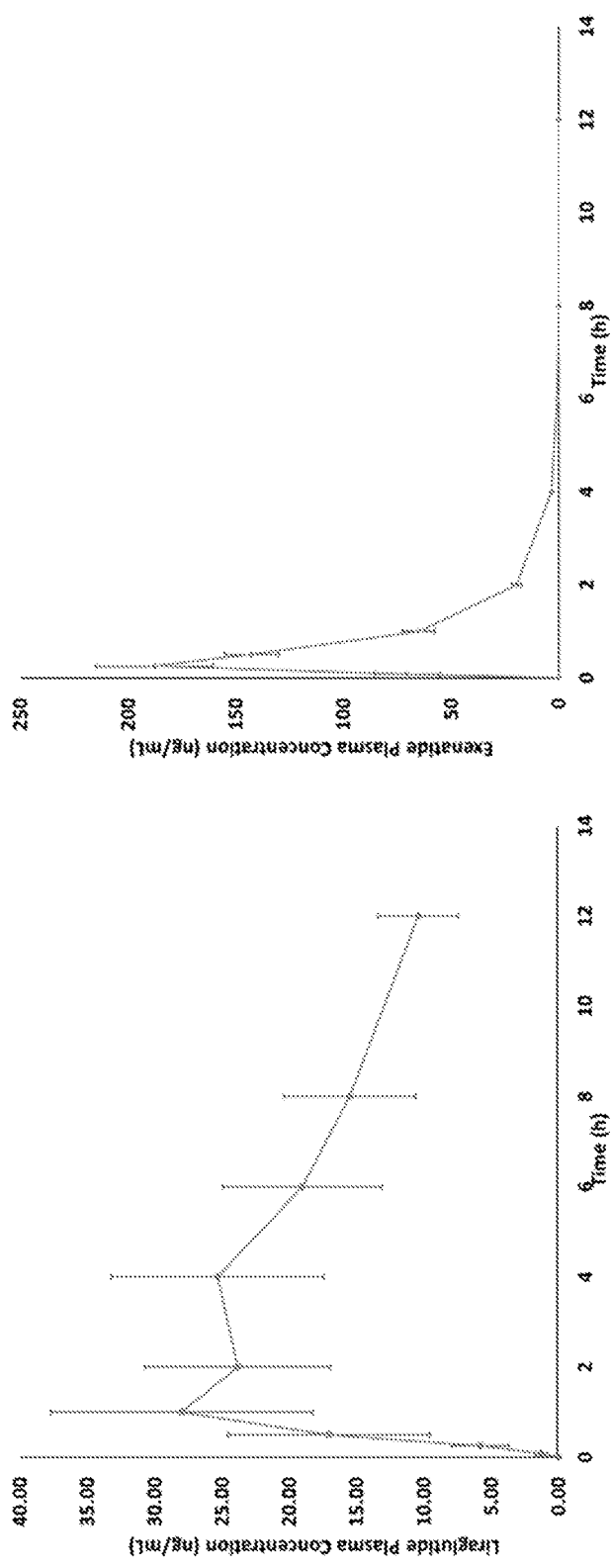
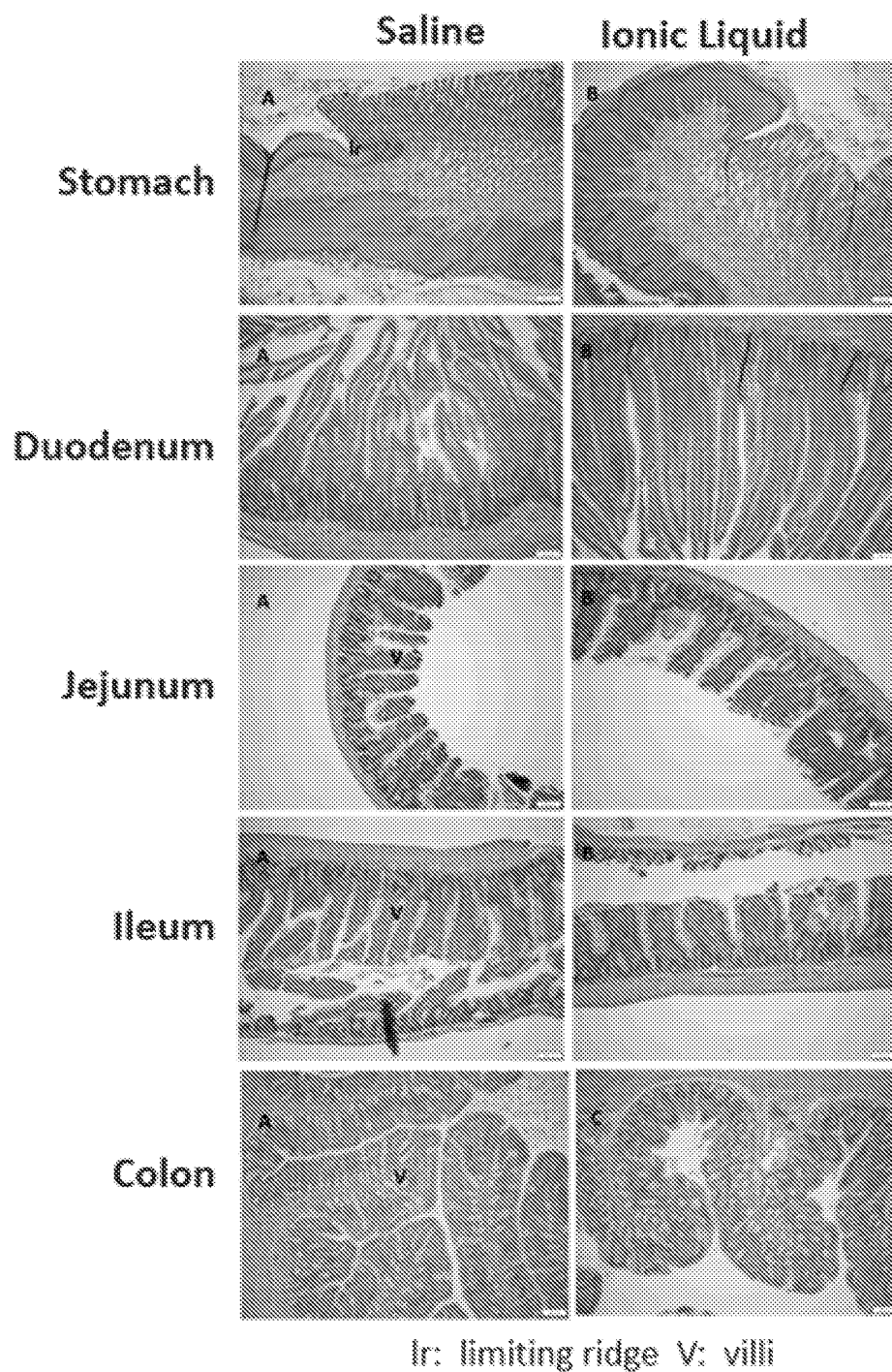


FIG. 19

**FIG. 20**

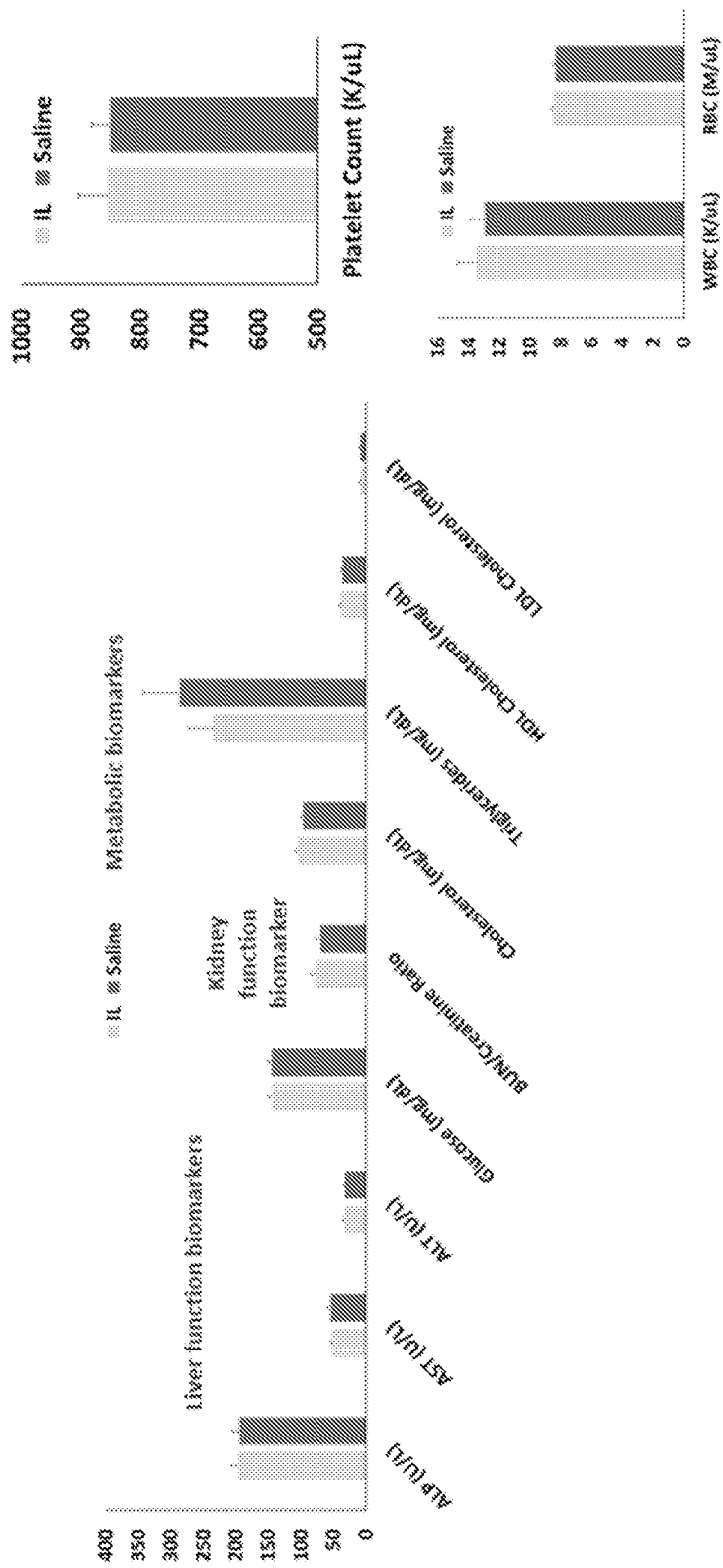
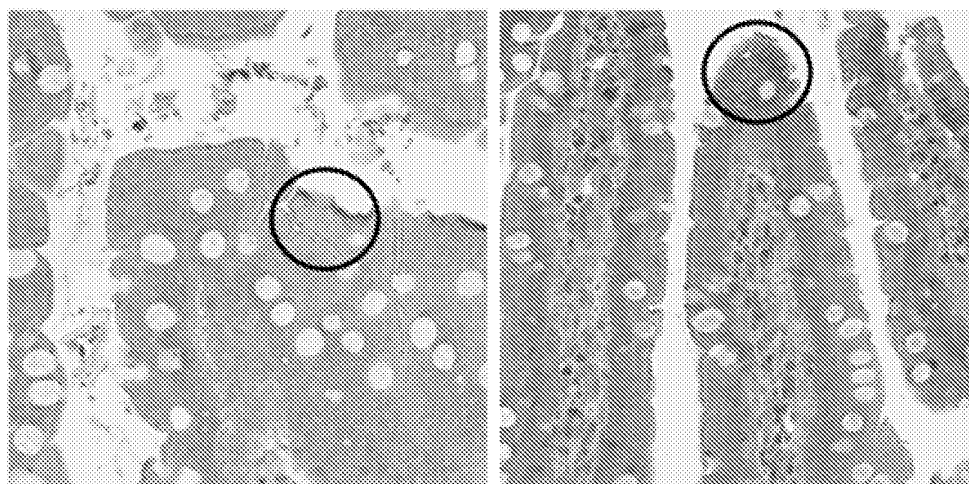
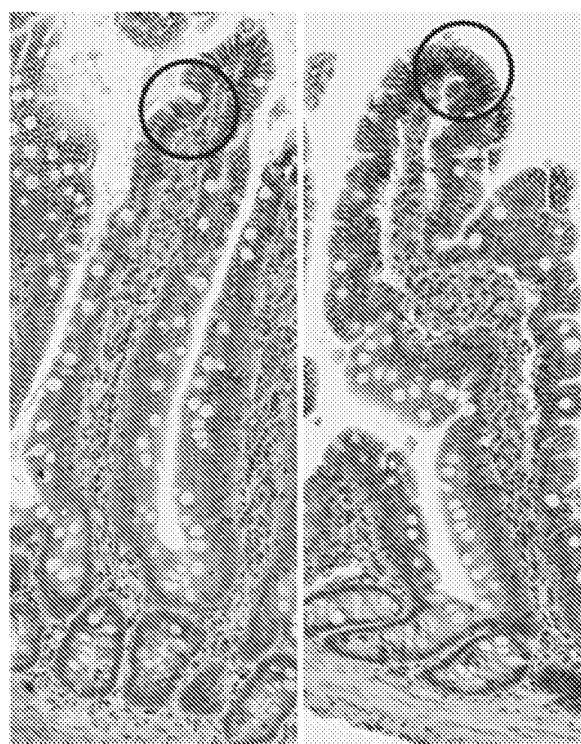


FIG. 21

Jejunum stained for Occludin**Saline****Ionic Liquid****Jejunum stained for Claudin-1****Saline****Ionic Liquid****FIG. 22**

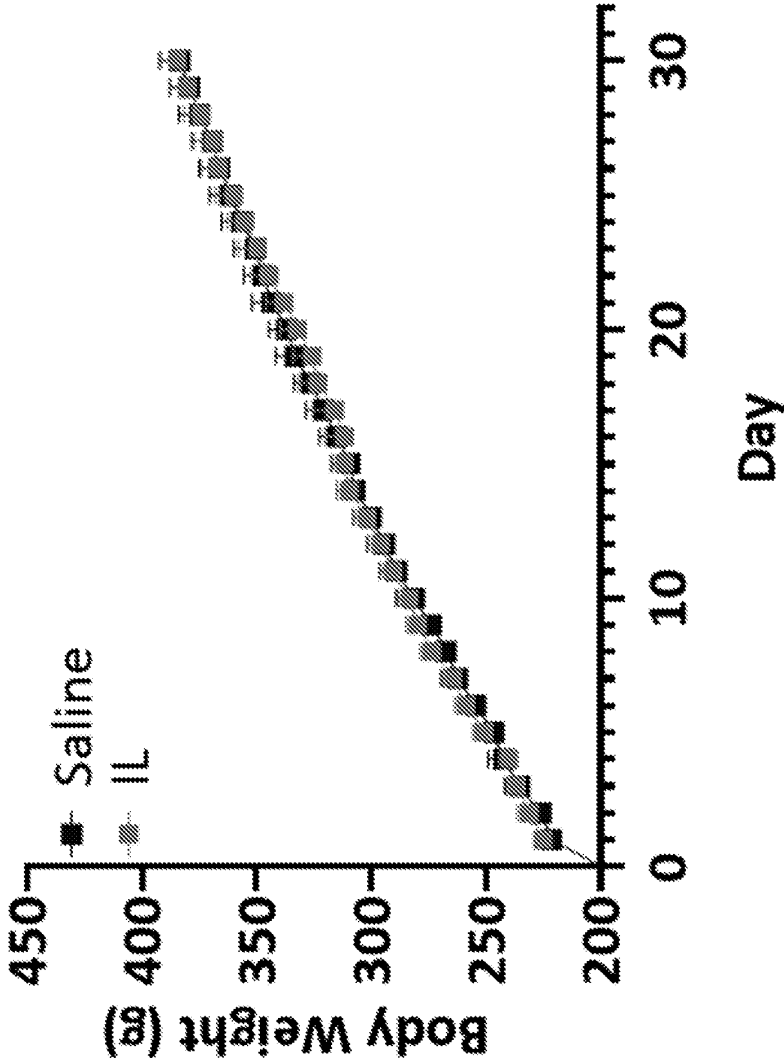


FIG. 23