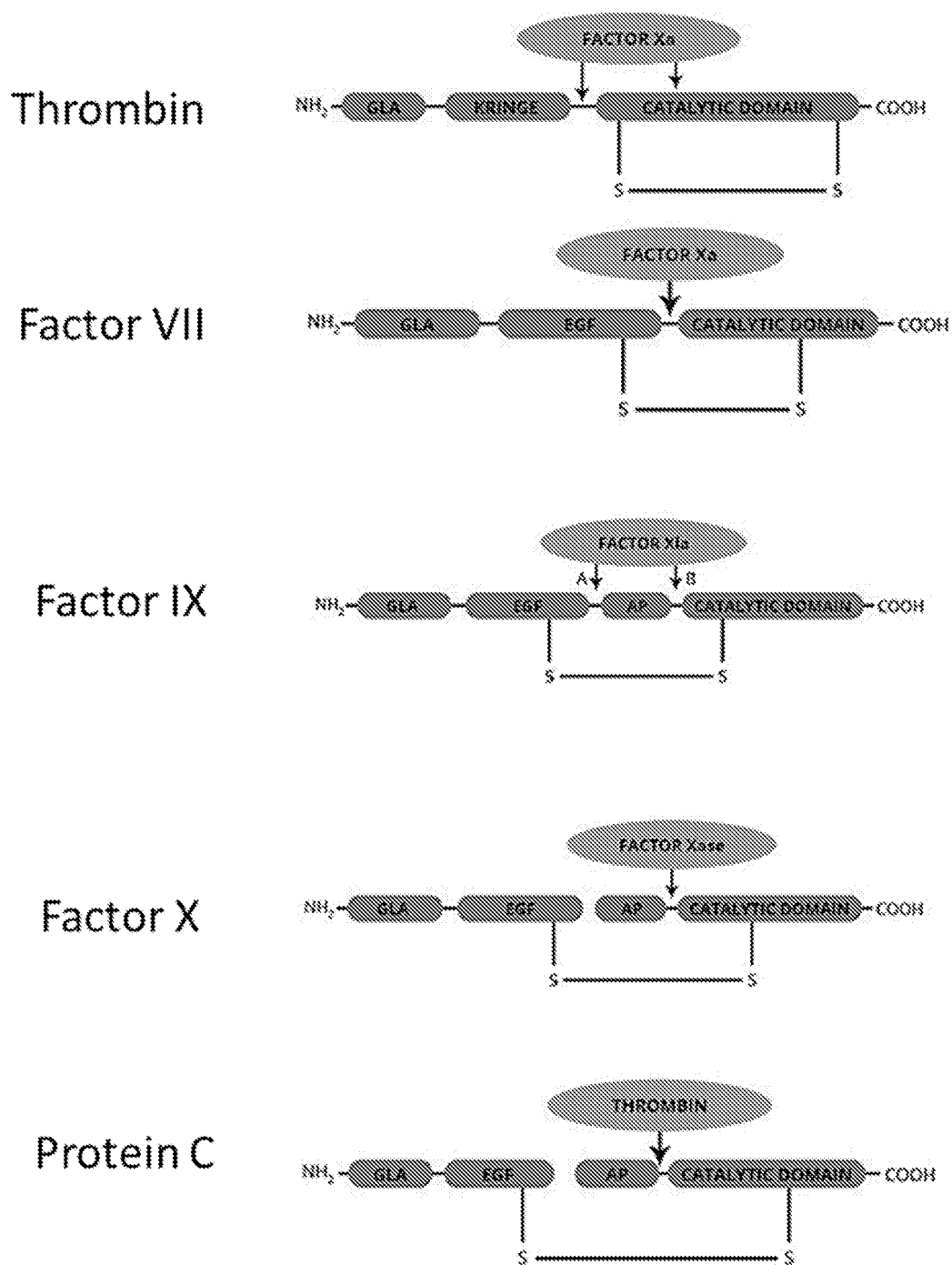


Figure 1A



Protein S: NH<sub>2</sub>—GLA—TSR—EGF—?—COOH

Protein Z: NH<sub>2</sub>—GLA—EGF—EGF—PSEUDO CATALYTIC DOMAIN—COOH

|       | $\omega$ -loop |   |   |   |   |    |   |   |   |   | Disulfide loop |   |   |   |   |    |   |   |   |   | Hydrophobic Stack region |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------|----------------|---|---|---|---|----|---|---|---|---|----------------|---|---|---|---|----|---|---|---|---|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|       | 1              |   |   |   |   | 10 |   |   |   |   | 20             |   |   |   |   | 30 |   |   |   |   | 40                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| PS    | A              | N | S | - | L | L  | y | T | K | Q | G              | N | L | y | R | y  | C | I | y | y | L                        | C | N | K | y | y | A | R | y | V | F | y | N | D | P | y | T | D | y | F | y | P | K | y | L |   |
| PZ    | A              | G | S | y | L | L  | y | L | F | y | G              | N | L | y | K | y  | C | y | y | y | I                        | C | V | y | y | y | A | R | y | V | F | y | N | y | V | V | T | D | y | F | W | R | R | y | K |   |
| PT    | A              | N | T | - | F | L  | y | y | V | R | K              | G | N | L | y | R  | y | C | V | y | y                        | T | C | S | y | y | y | A | F | y | A | L | y | S | S | T | A | T | D | V | F | W | A | K | y | T |
| FVII  | A              | N | A | - | F | L  | y | y | L | R | P              | G | S | L | y | R  | y | C | K | y | y                        | Q | C | S | F | y | y | A | R | y | I | F | K | D | A | y | R | T | K | L | F | W | I | S | y | S |
| B0178 | A              | N | A | - | F | L  | y | y | L | R | Q              | G | S | L | y | R  | y | C | K | y | y                        | Q | C | S | F | y | y | A | R | y | I | F | y | D | A | y | R | T | K | L | F | W | I | S | y | S |

*Modified from Hansson and Stenflo, Journal of Thrombosis and Haemostasis*

**Gla domain**      **EGF domain or Kringle Domain**      **Catalytic domain or SHBG domain**

NH<sub>2</sub>      Gla domain      EGF domain or Kringle Domain

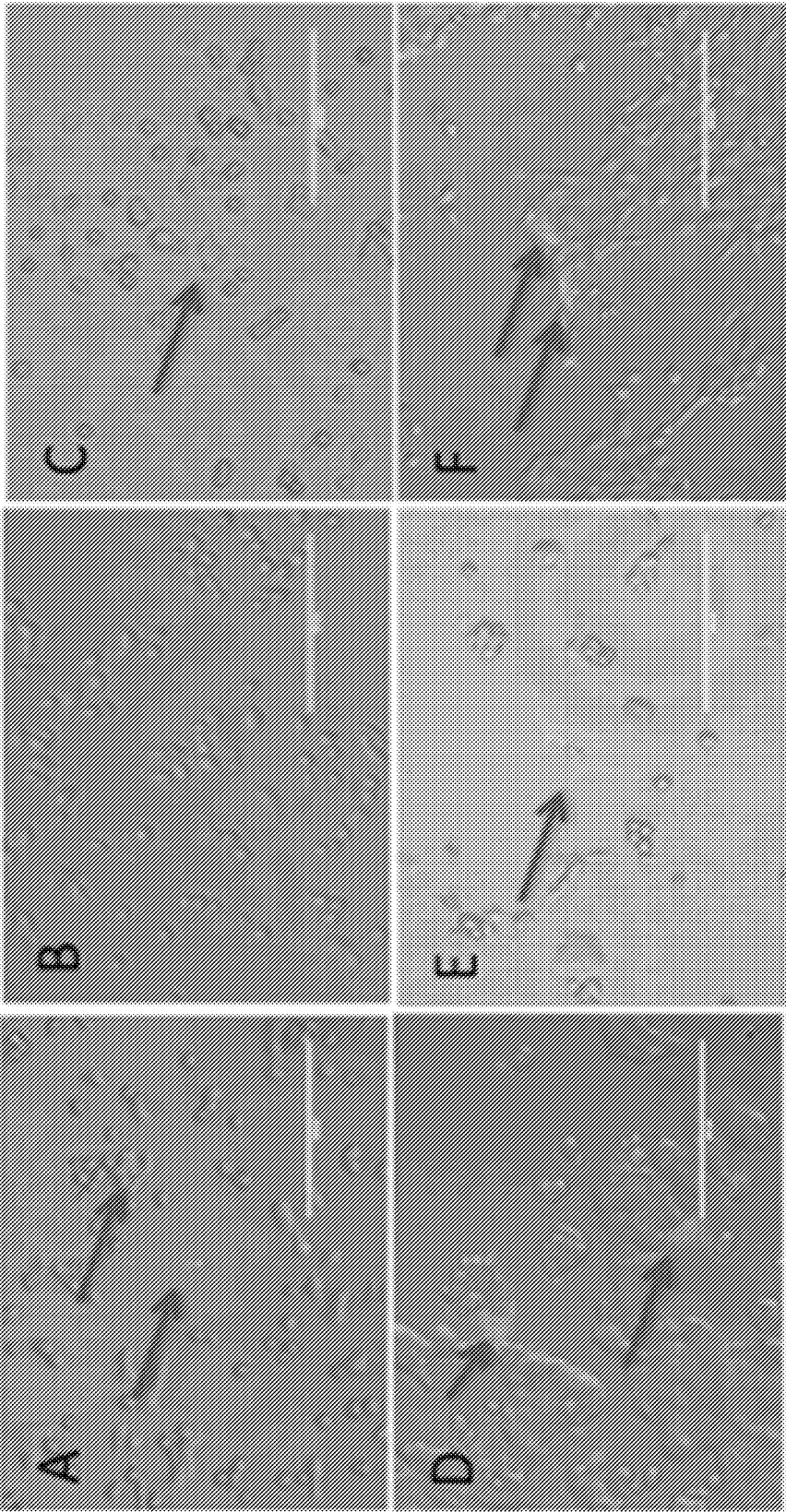
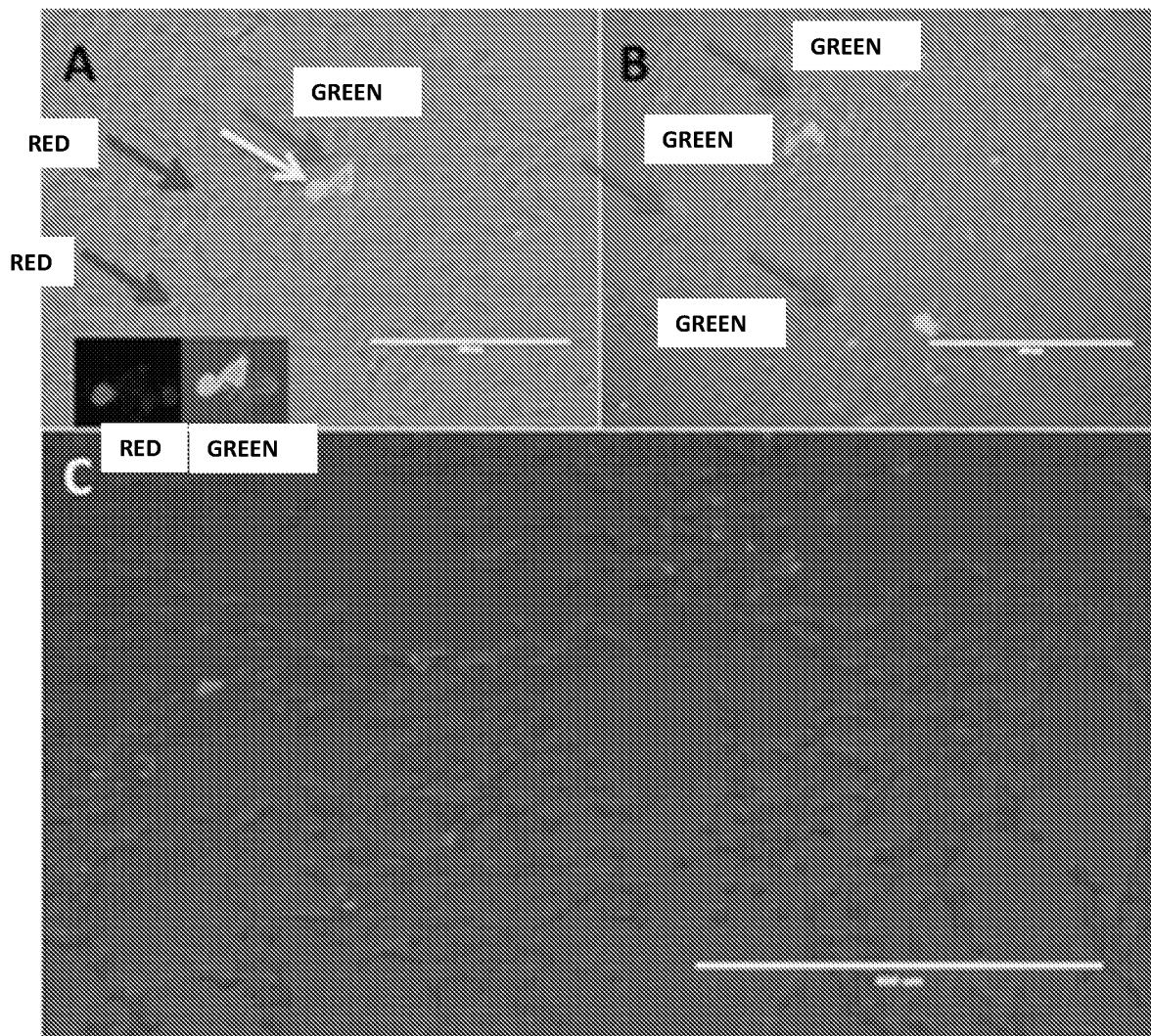


Figure 2

Figure 3



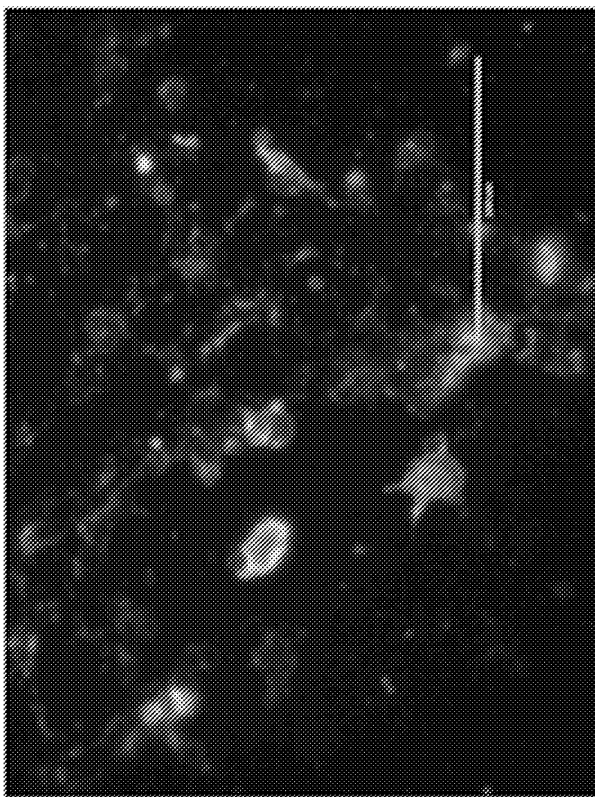
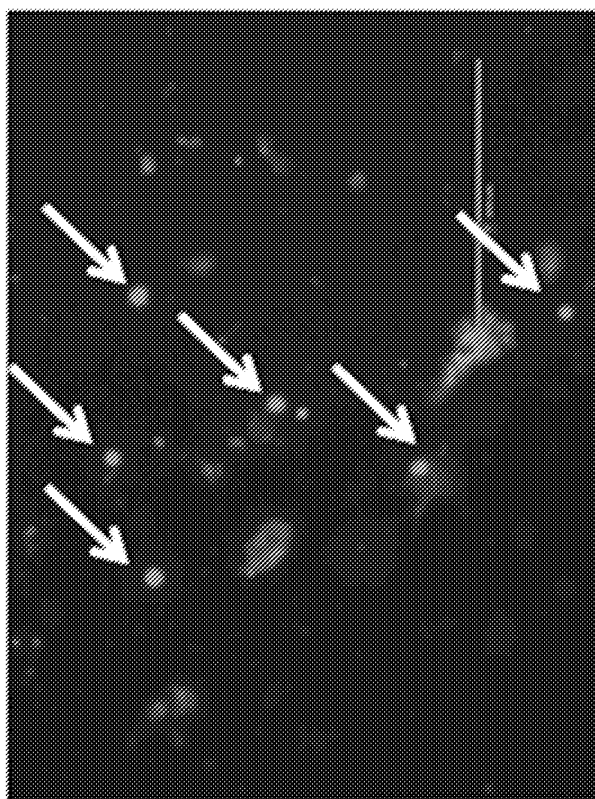


Figure 4

Figure 5

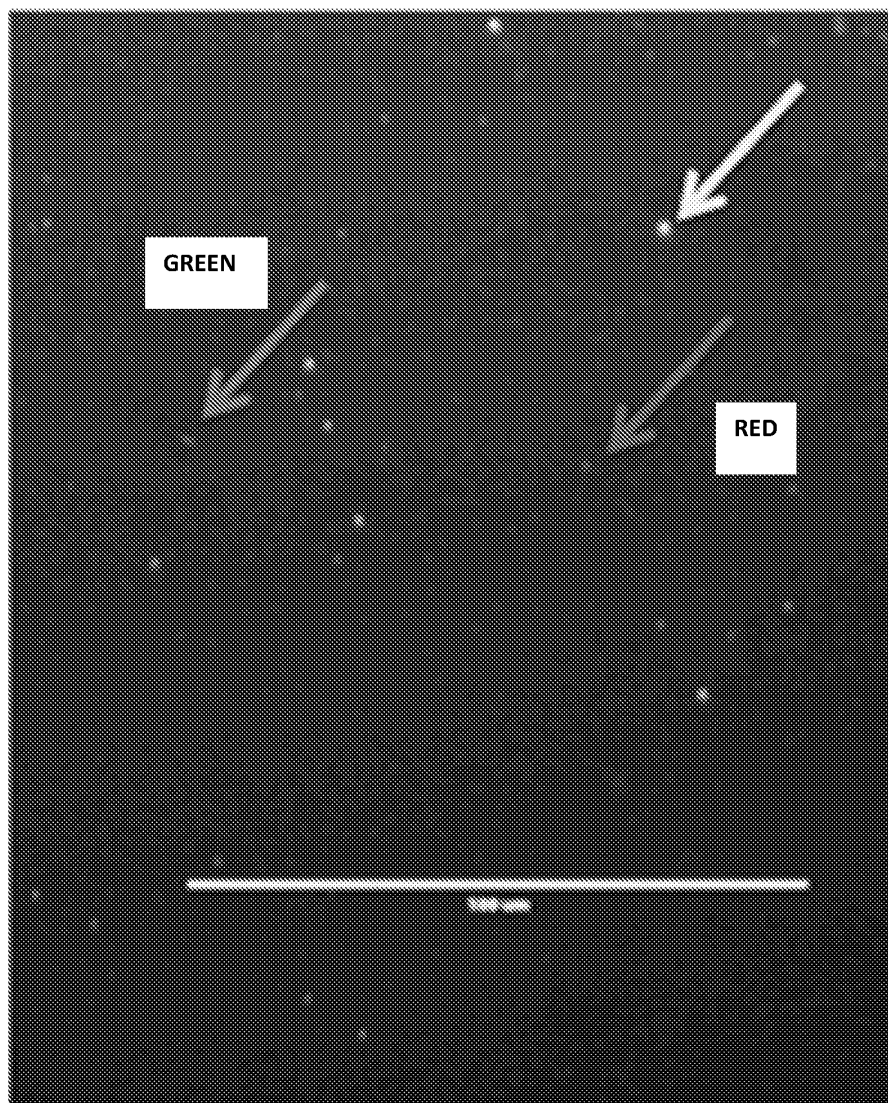
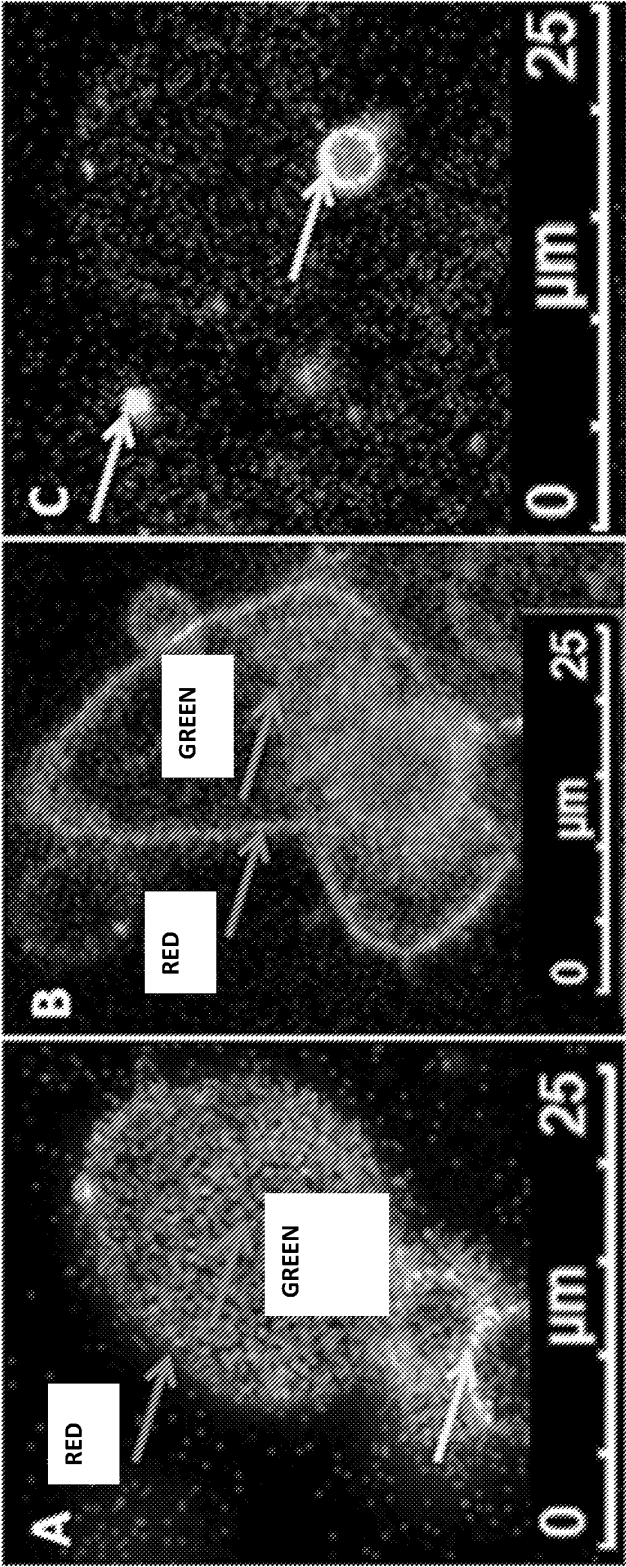


Figure 6



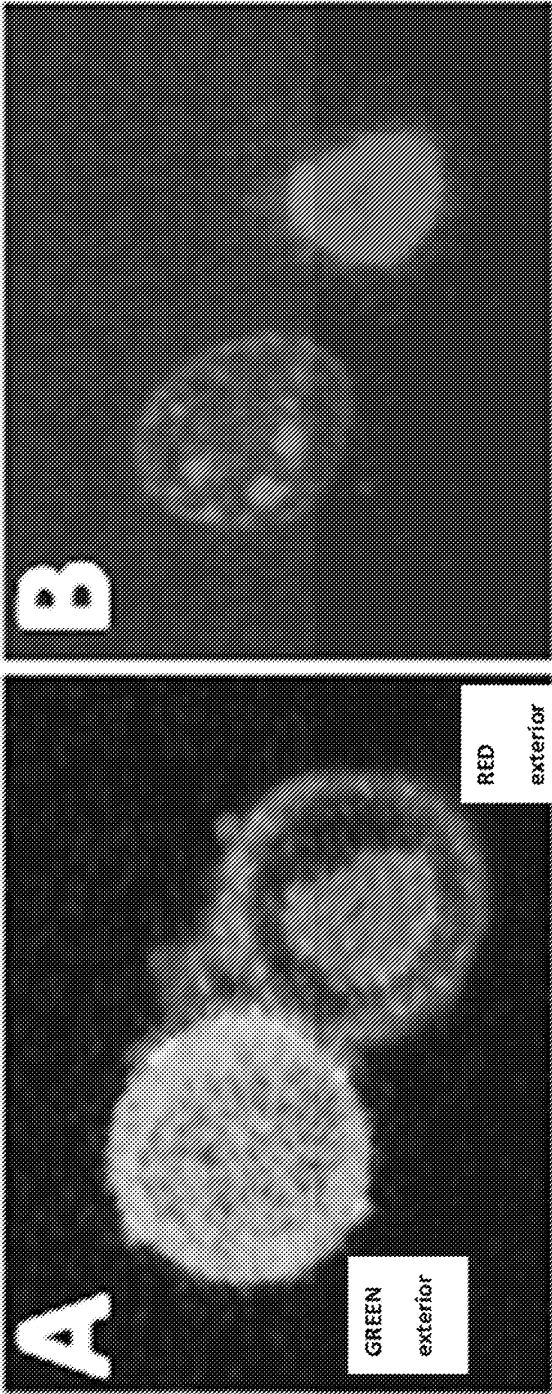


Figure 7

9/23

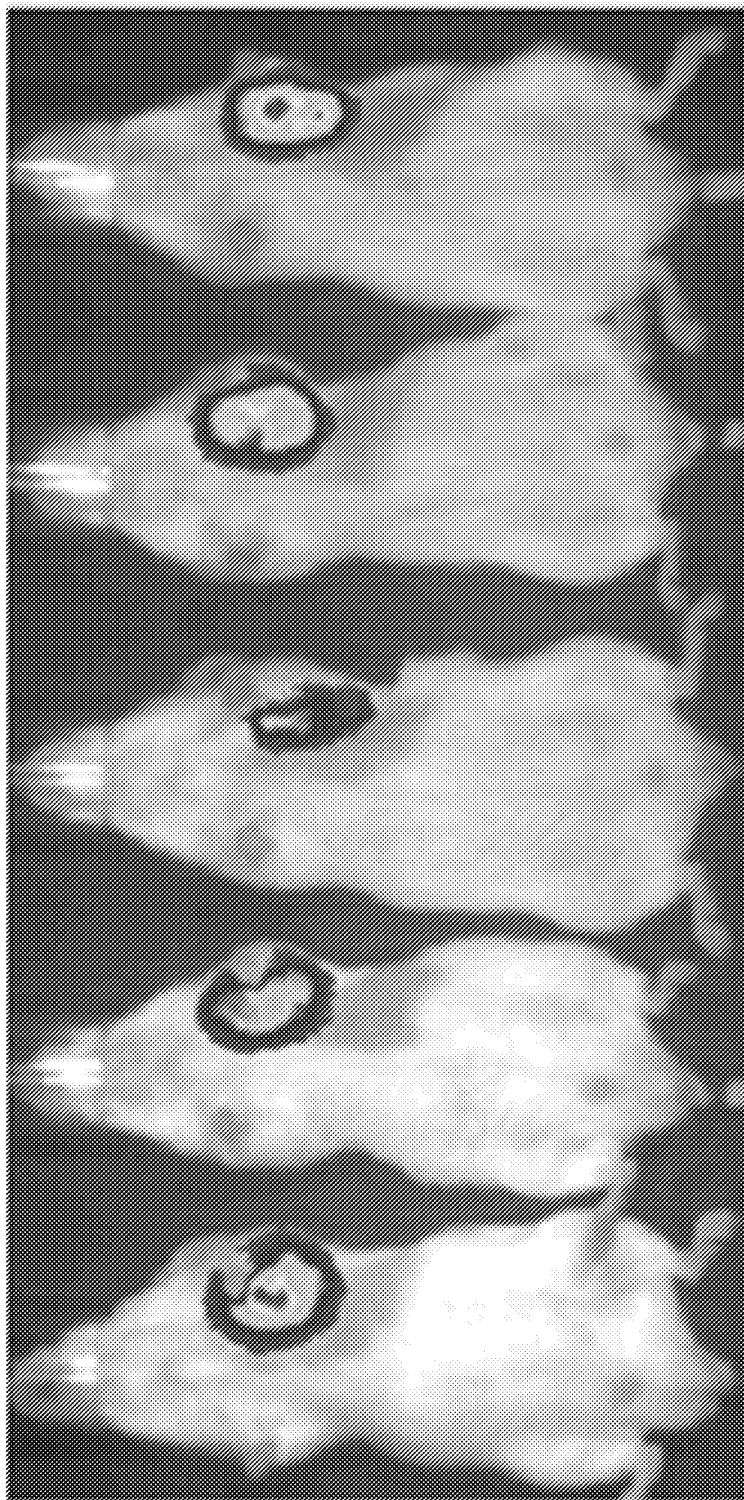


Figure 8

Figure 9

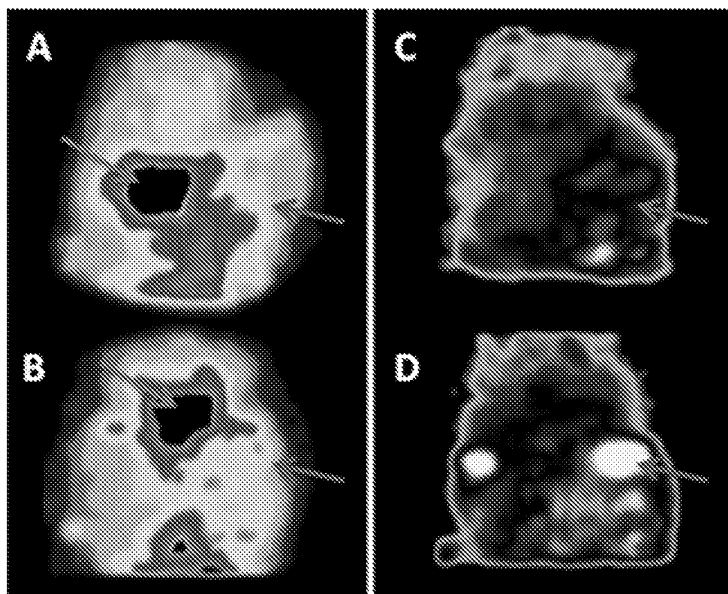


Figure 10

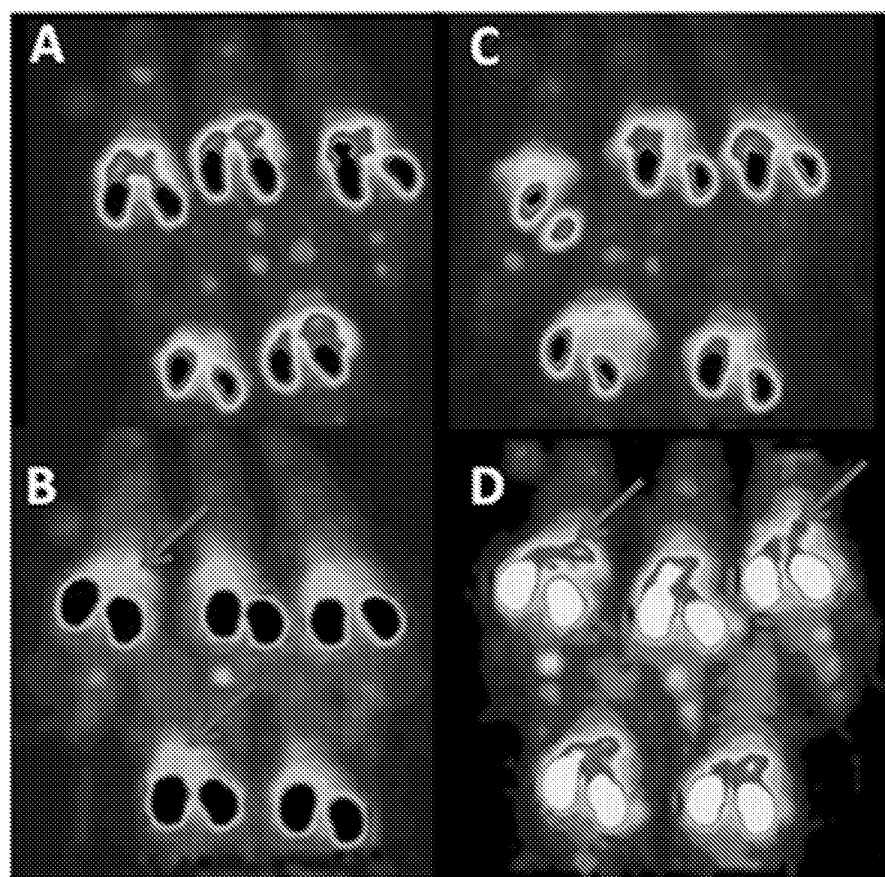
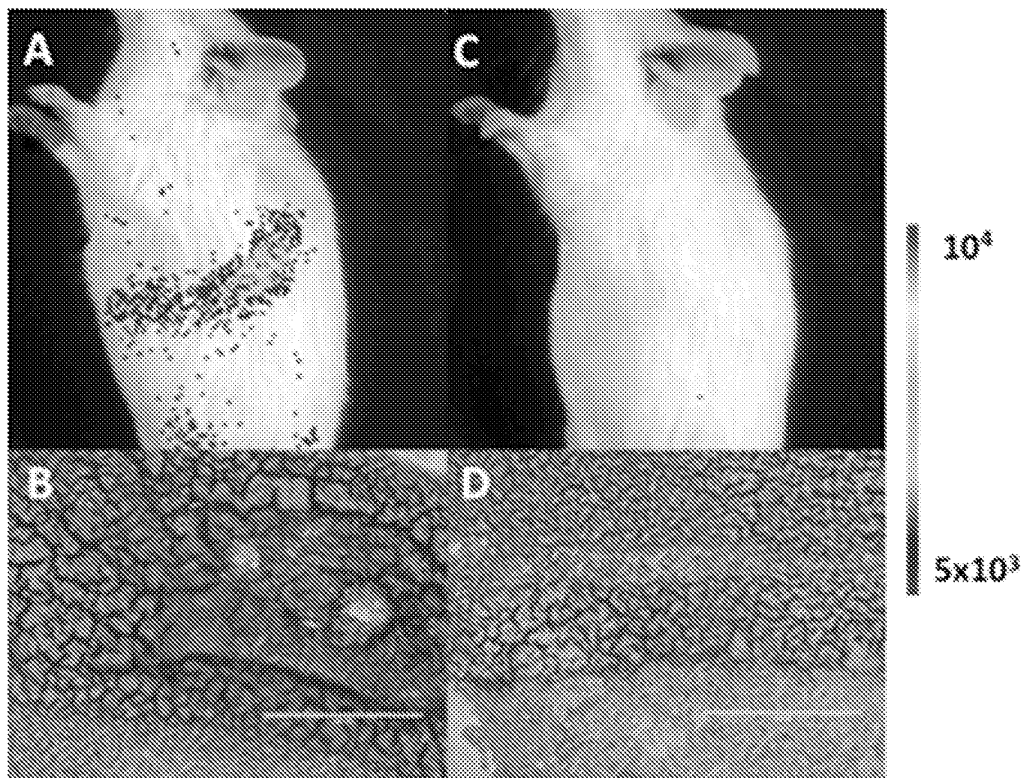


Figure 11



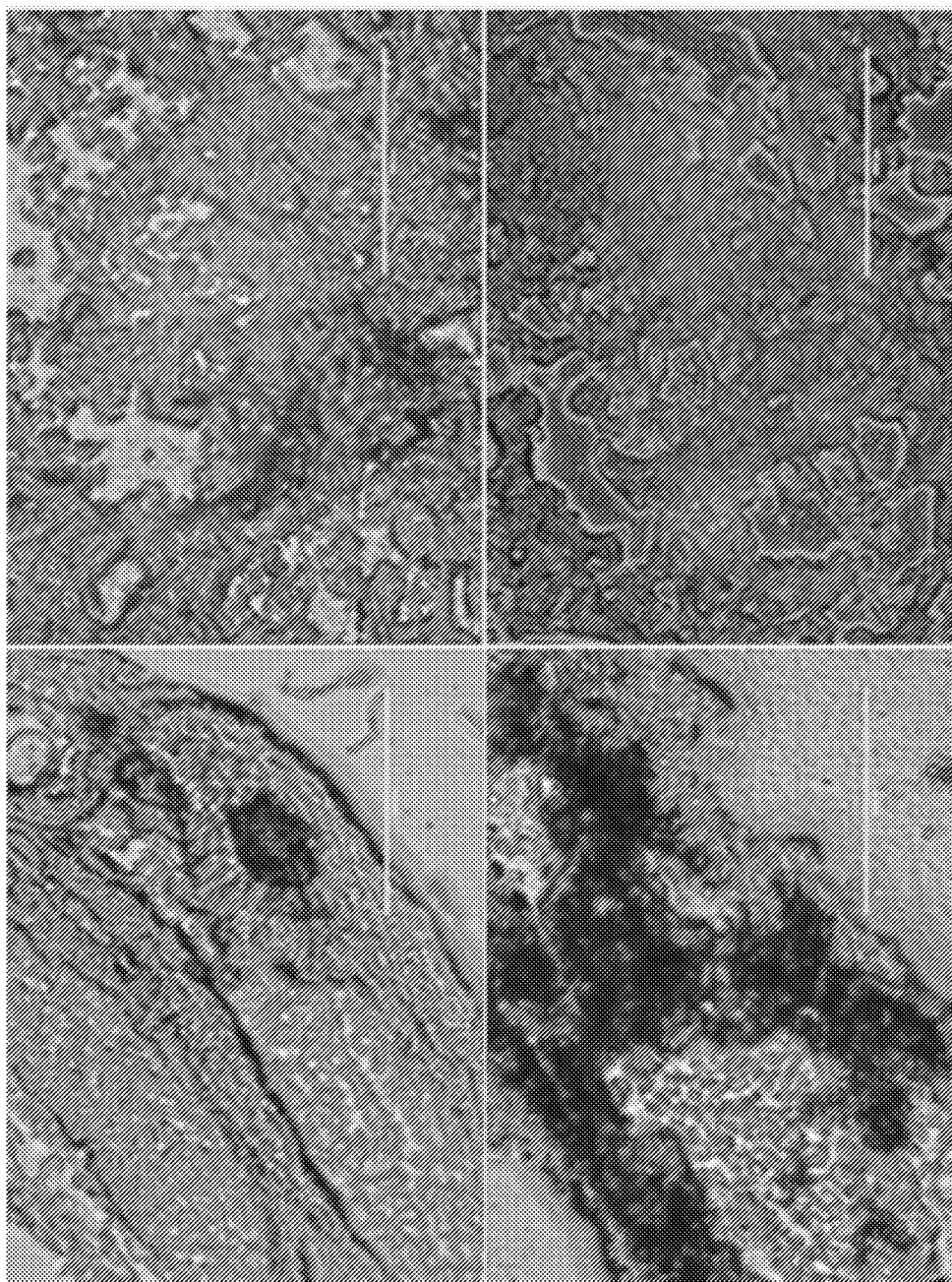
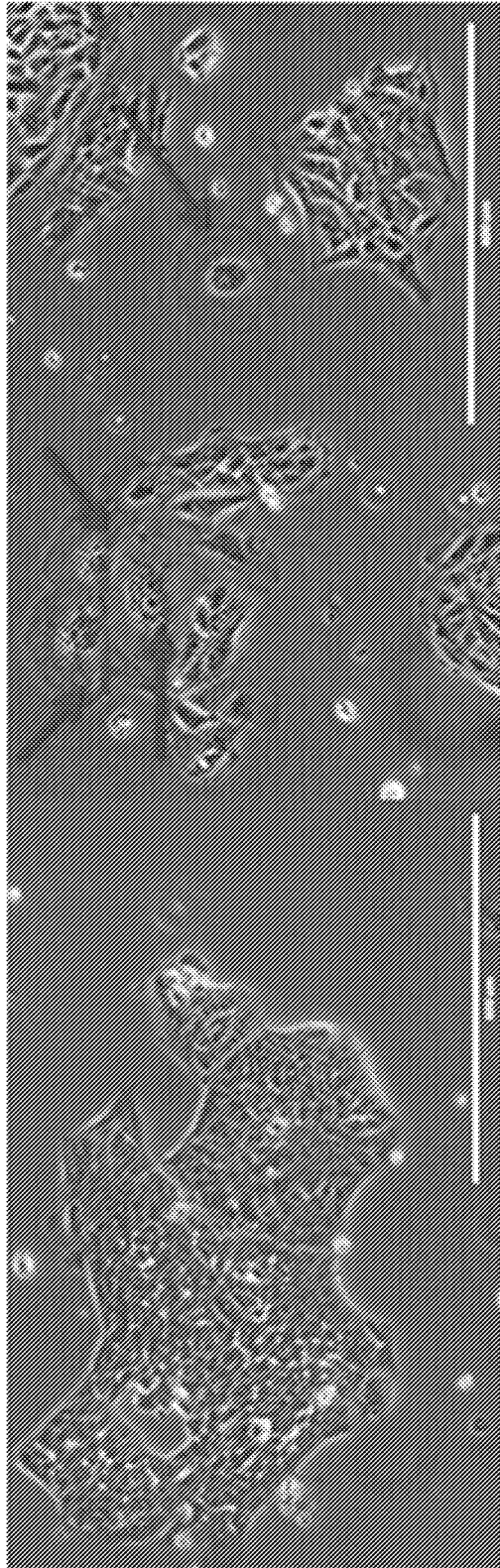


Figure 12

Figure 13



14/23

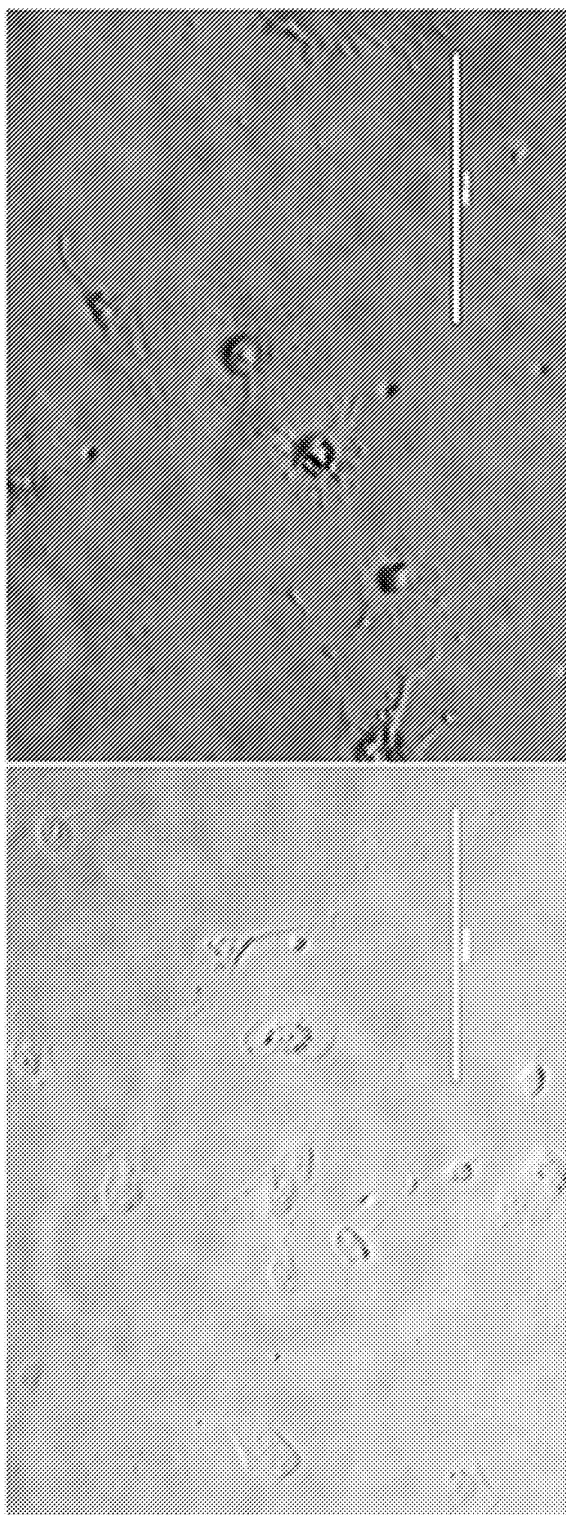


Figure 14

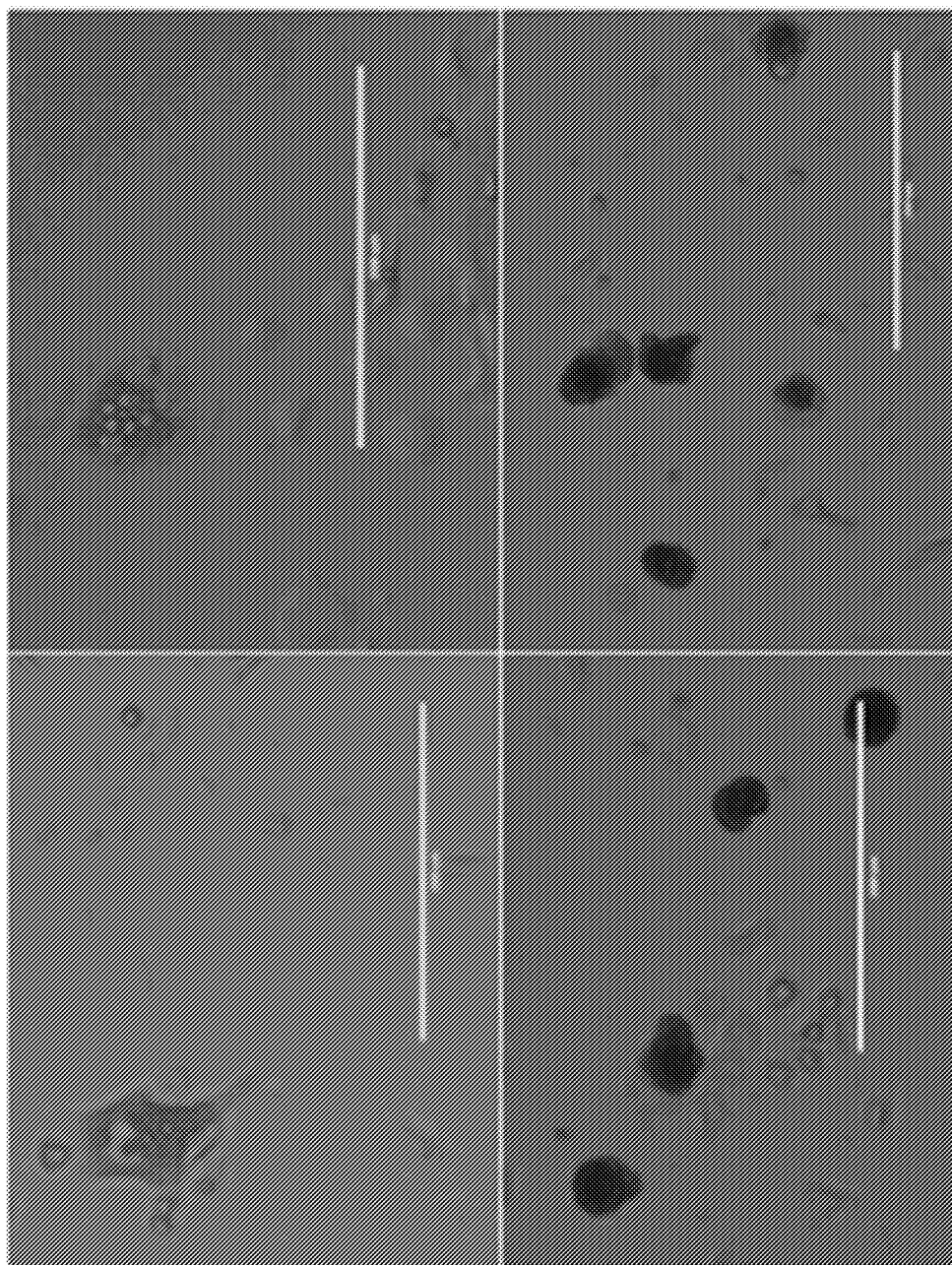


Figure 15

16/23

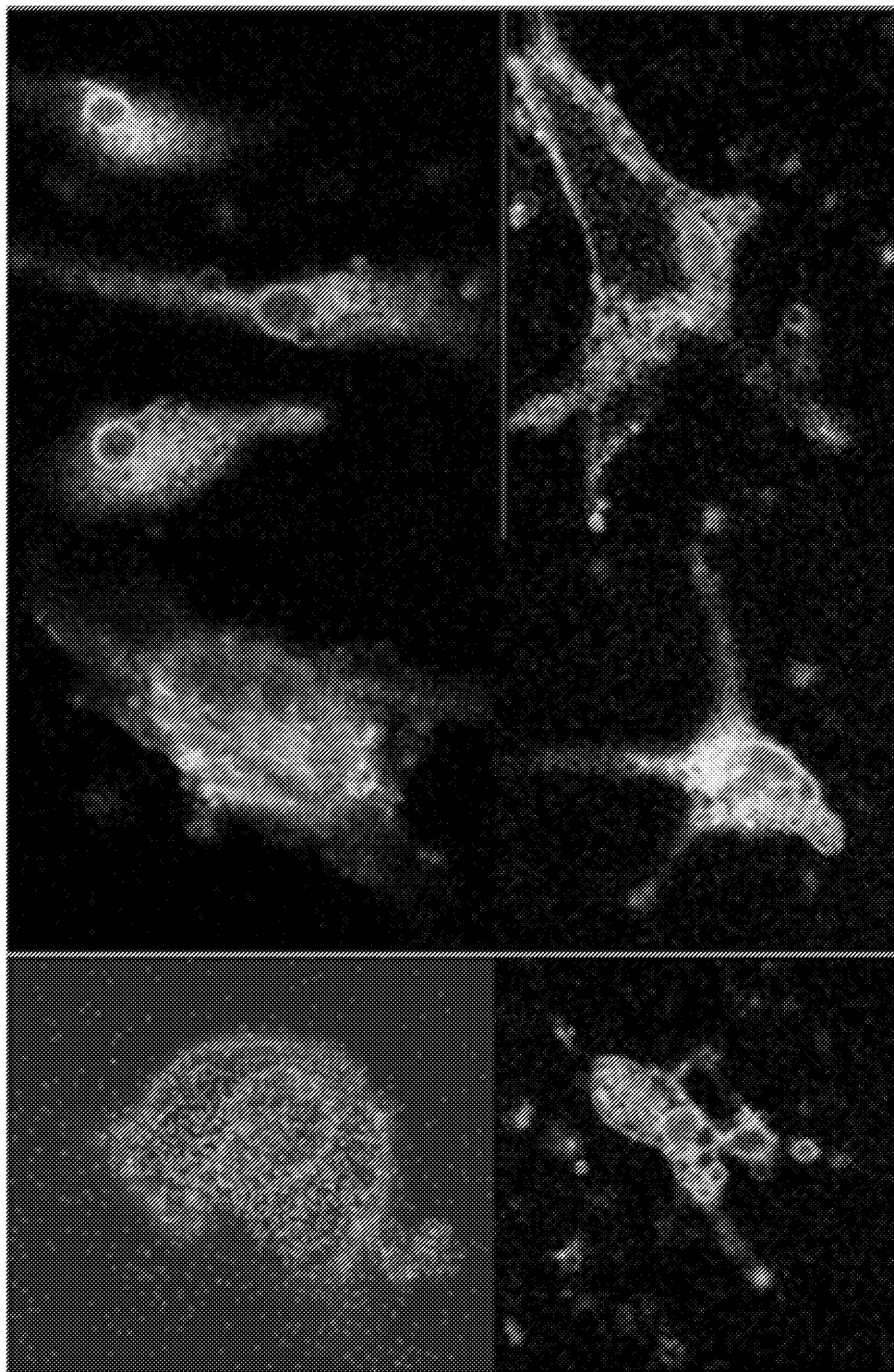


Figure 16

17/23

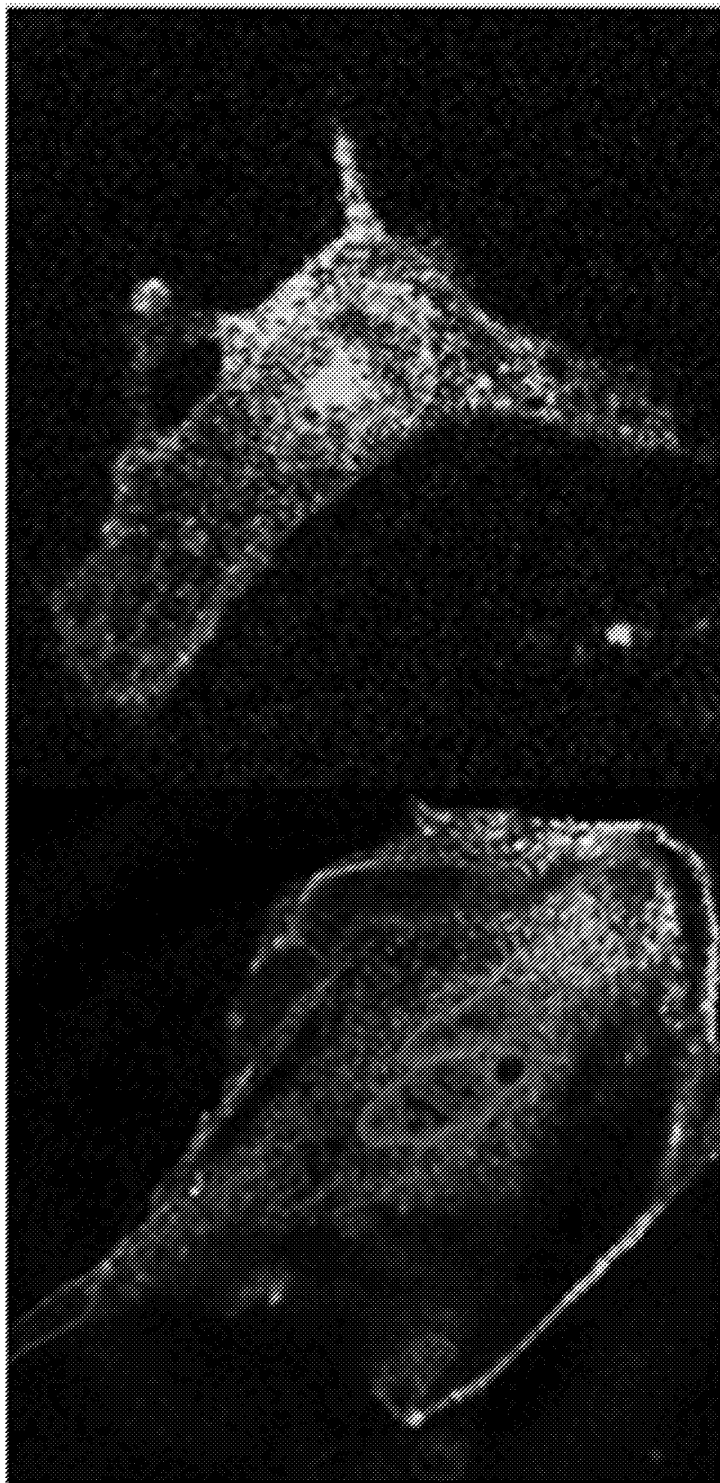


Figure 17

18/23

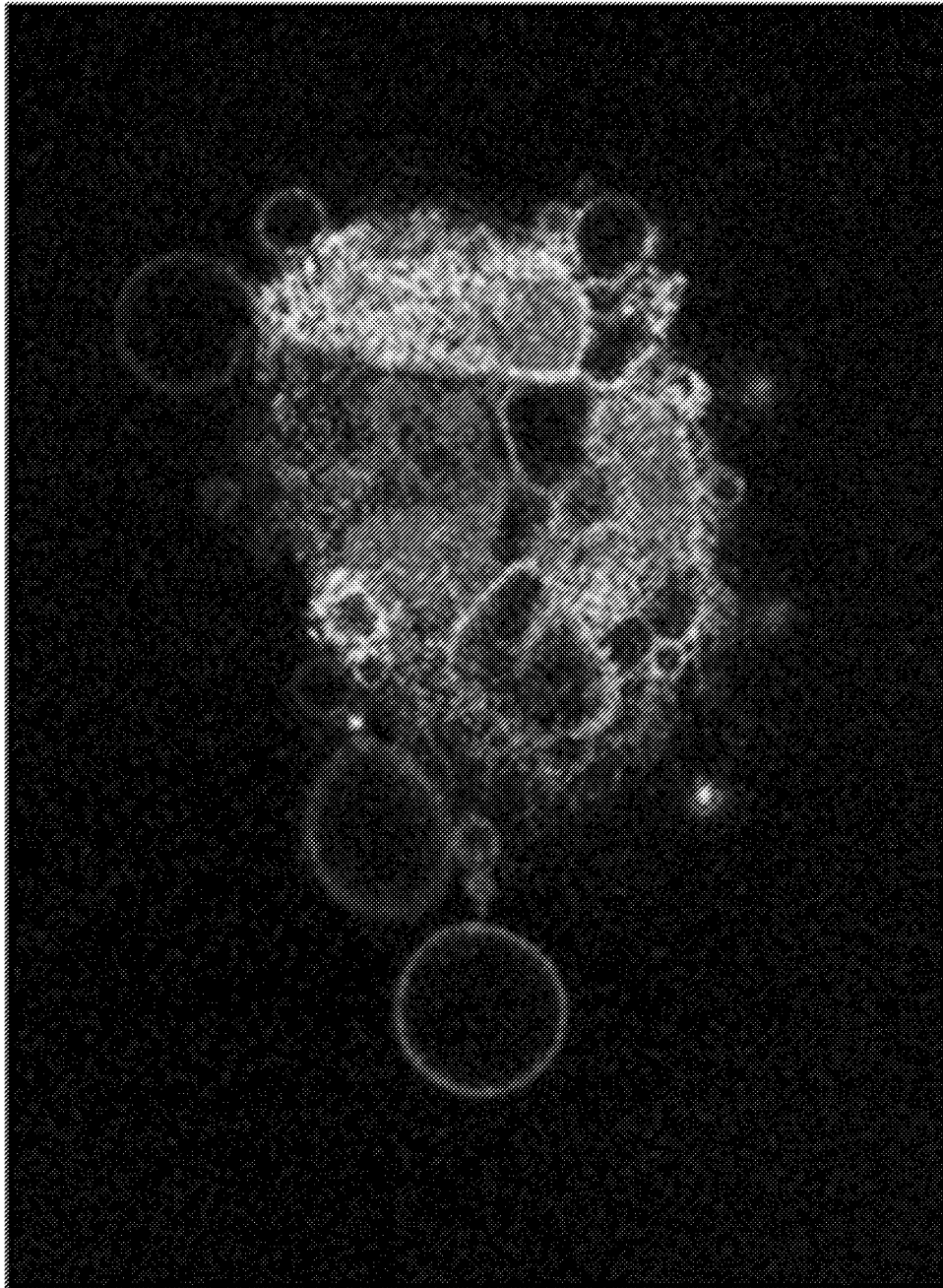
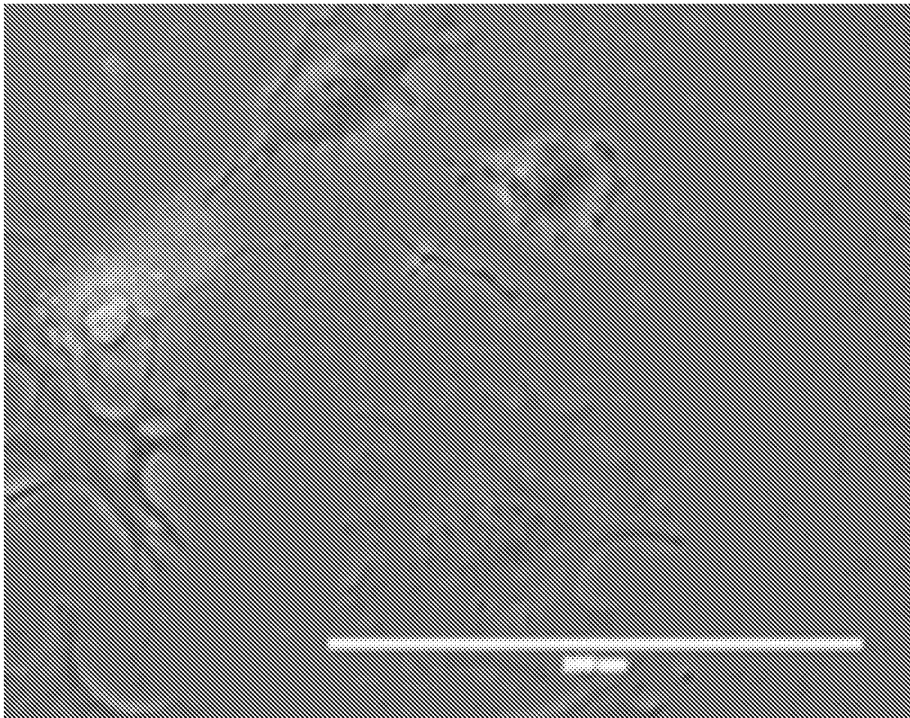
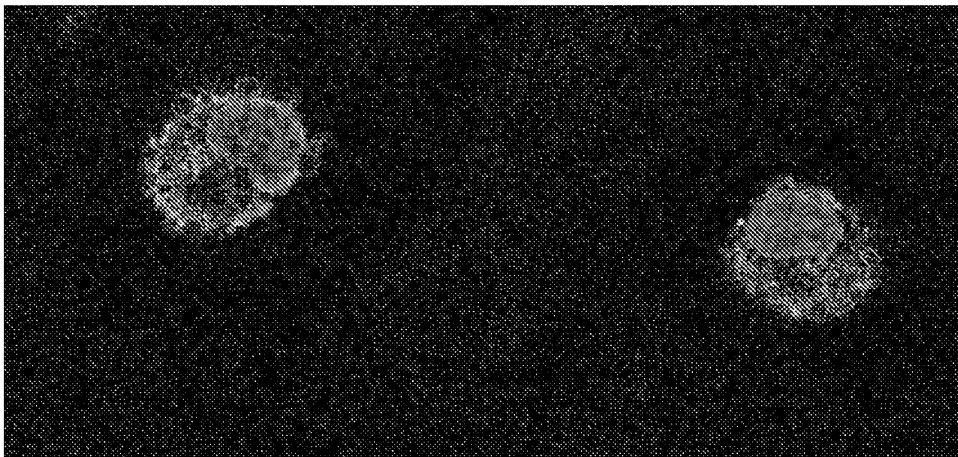


Figure 18

**Figure 19****Figure 20**

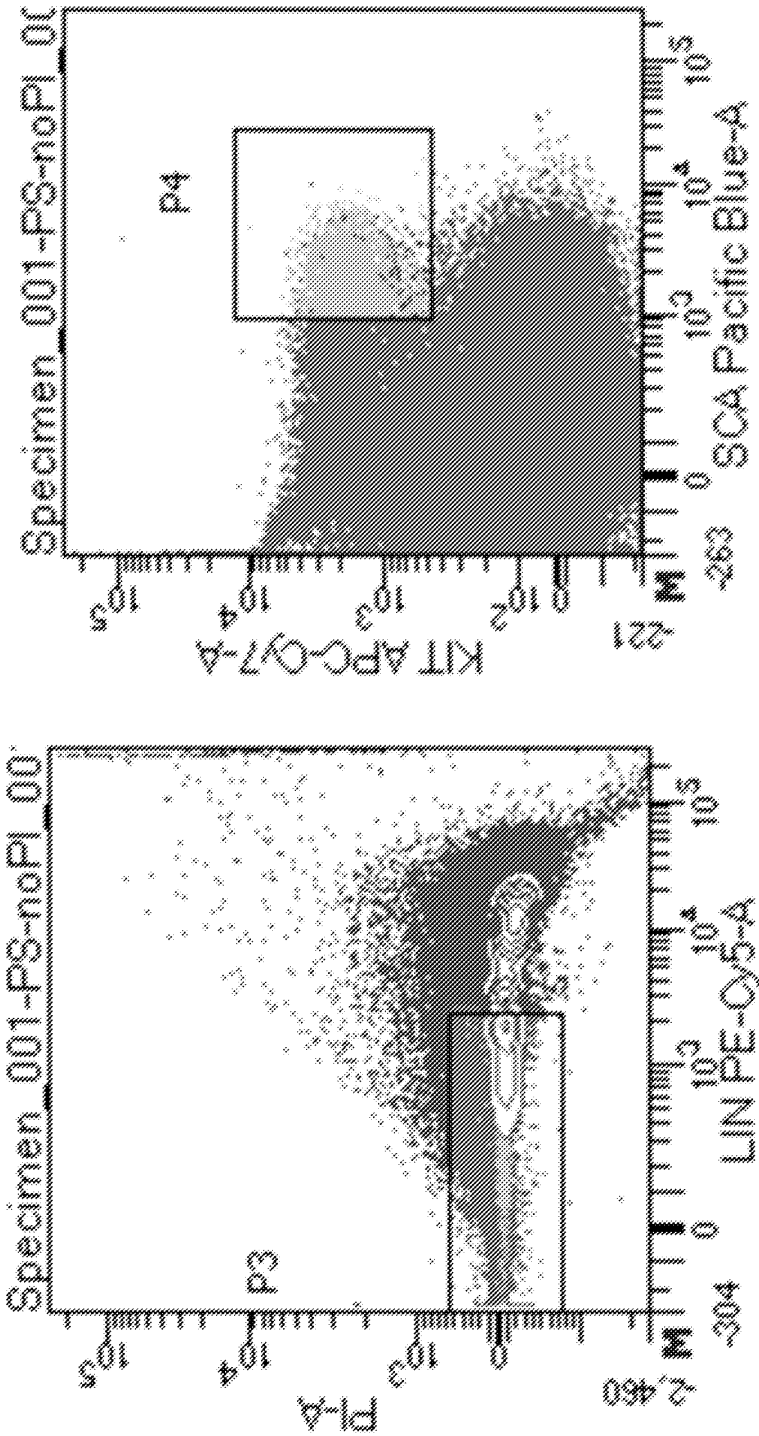


Figure 21

Figure 22

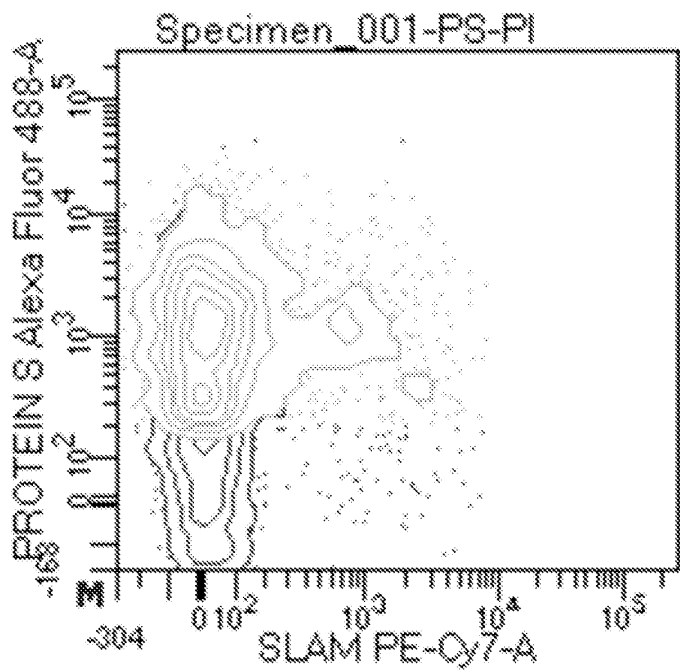
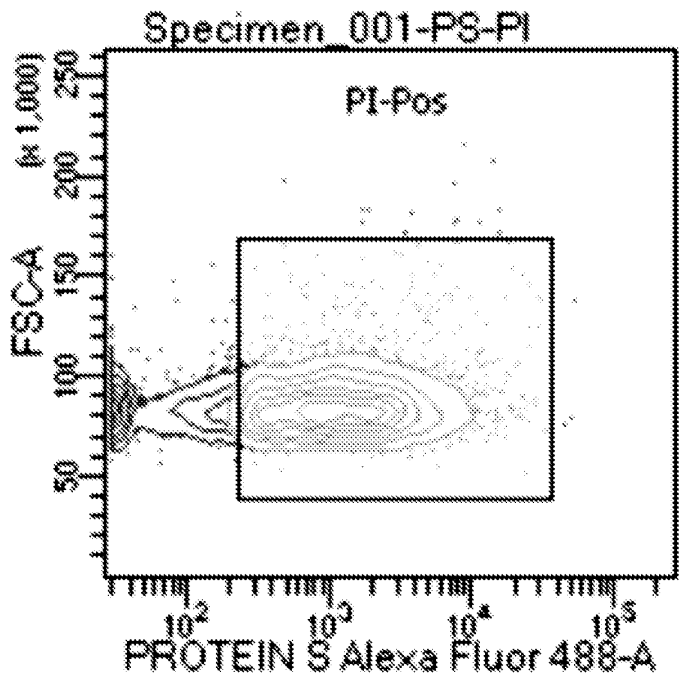
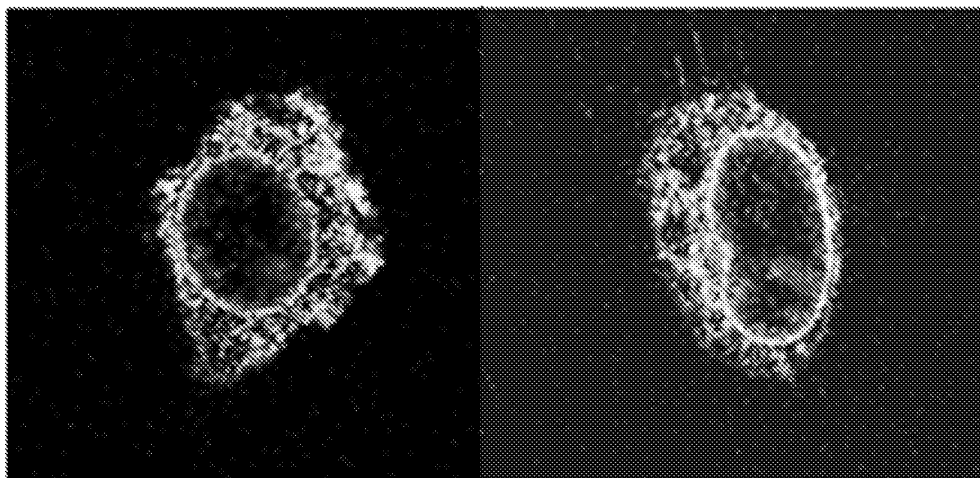


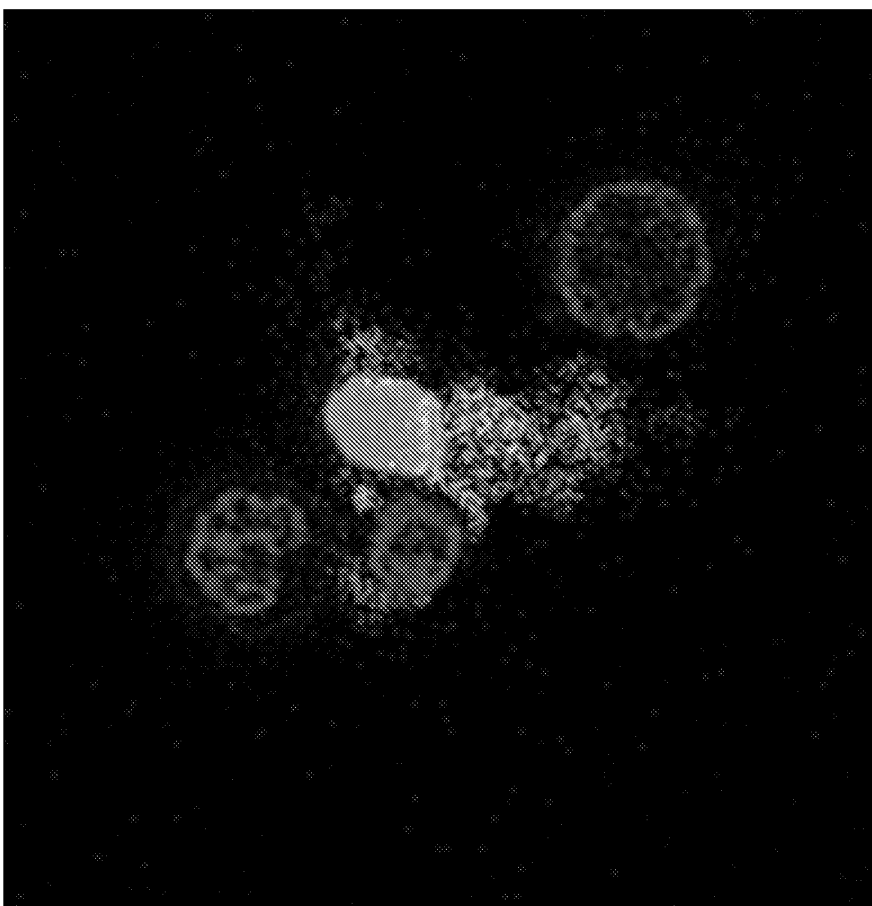
Figure 23



**Figure 24**



**Figure 25**



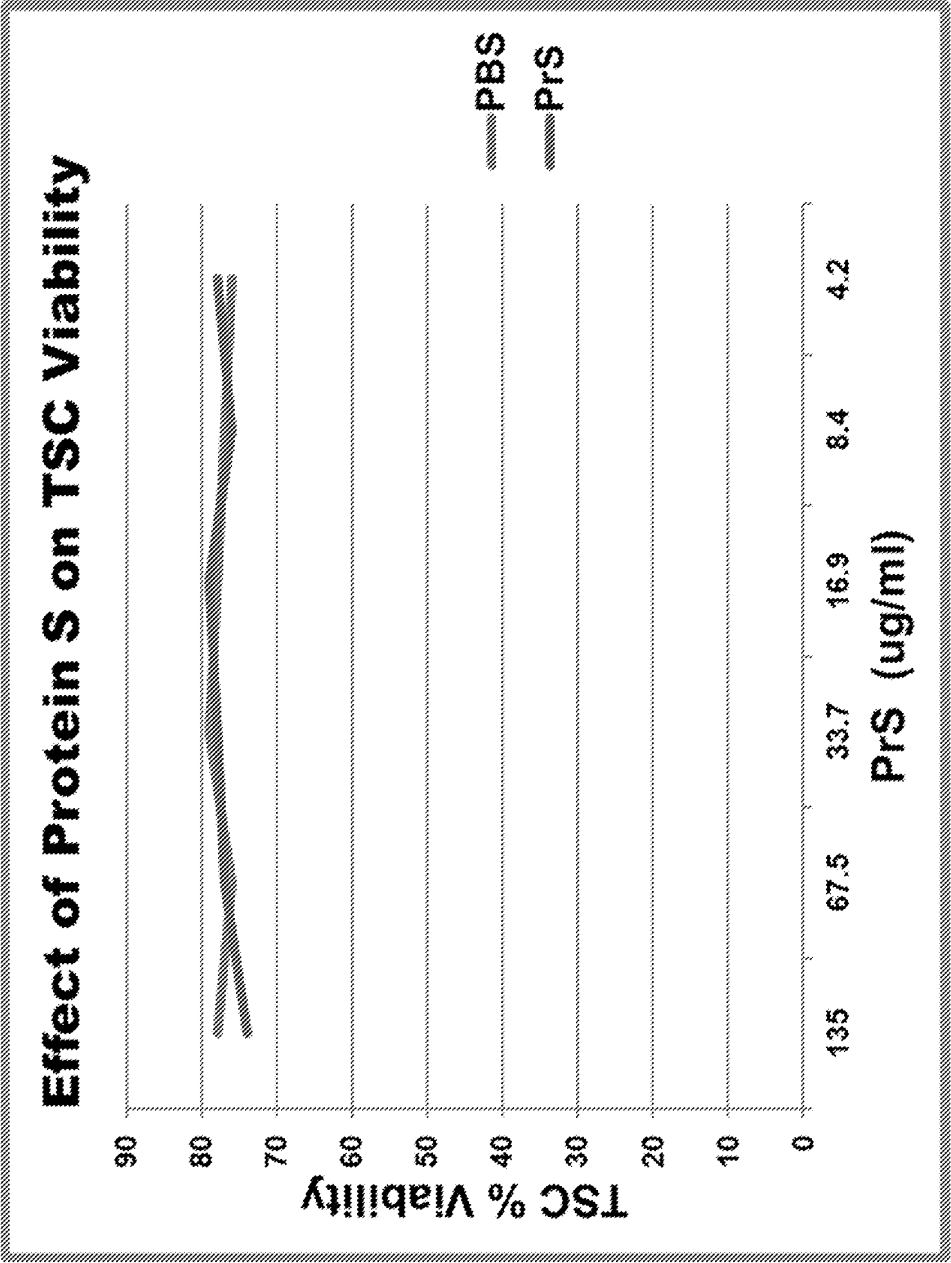


Figure 26