



Renaio

A photograph of a middle-aged man lying in a hospital bed. He is wearing a white hospital gown and has a purple oxygen mask over his nose and mouth. A blue IV line is visible on his left arm, secured with a blue band. The background shows a hospital room with a white bed frame and some medical equipment. The number '850,000,000' is overlaid in large white text across the center of the image.

850,000,000

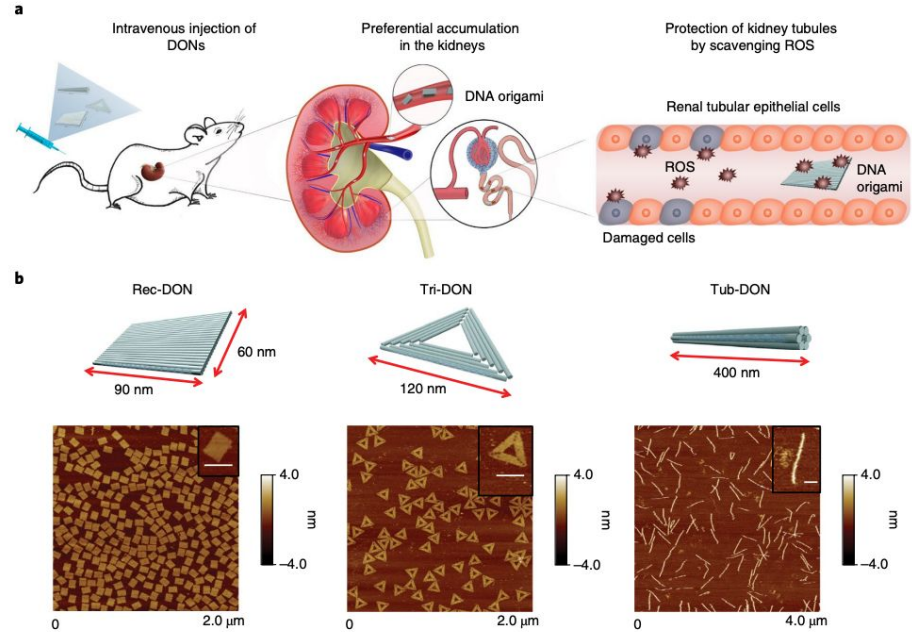
A photograph of a patient lying in a hospital bed, connected to a dialysis machine. The machine is a large, white, rectangular unit with various tubes and connectors. Red and white tubes are connected to the machine and run across the patient's body. The patient is covered with a white sheet. In the background, there is a window with blinds and some medical equipment. The text "9 in 10 don't get treatment" is overlaid on the image in a large, white, sans-serif font.

9 in 10 don't get
treatment



**Affordable.
Safe.
Efficient.**

Cu-Tub DNA Origami Nanostructure





1

Ingest
nanocapsule

2

Cu-Tub DNA
origami
nanostructures
deploy to the
damaged
kidney

3

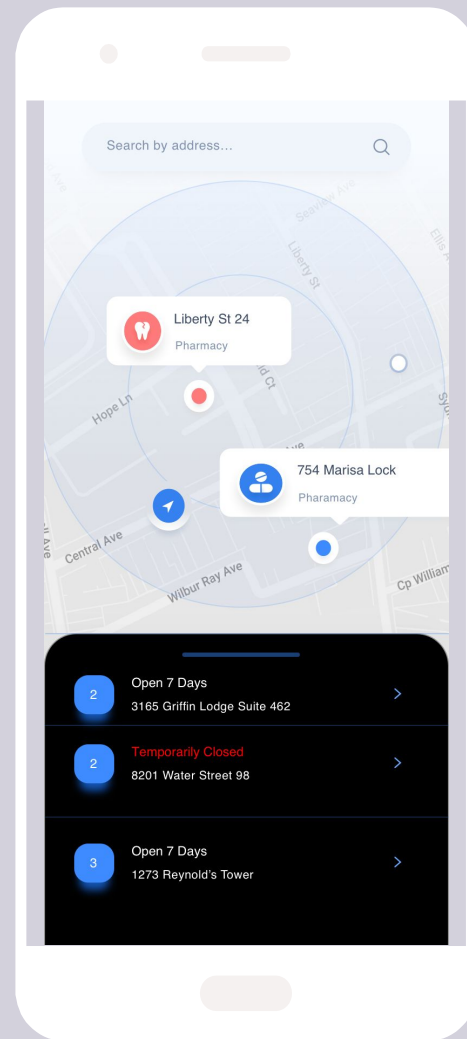
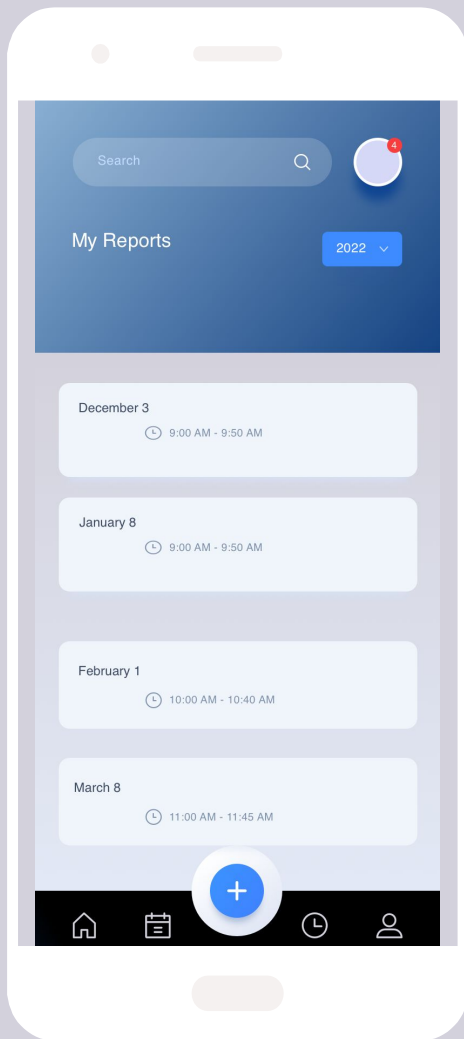
Nanosensors
send data to the
AI network

4

Machine
learning helps to
analyze and
accurately
target specific
cells

5

Increased
accuracy of
detecting
damaged cells





Target Market

Demographic

Adults & elderly over the age of 40

Geographic Areas

Low-income communities in developed countries & semi-developed countries

A blurred background image of a hospital or clinical setting. On the left, there are several medical monitors or infusion pumps with green and red displays. In the center, a white tube or cable hangs vertically. On the right, two healthcare workers in blue scrubs are visible, one standing and one partially obscured, appearing to be working with a patient or equipment. The overall scene is out of focus, emphasizing the text overlay.

Our future

Our Team

- **Anisha Ramachandra**
- **Mary Almazan**
- **Colyi Chen**
- **Reentika Awasthi**
- **Ikhlas Patel**