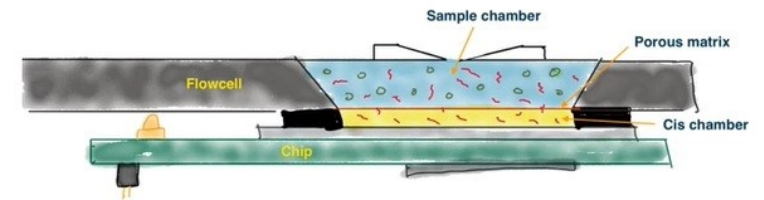


# Liquid Biopsy Platform

## Introduction

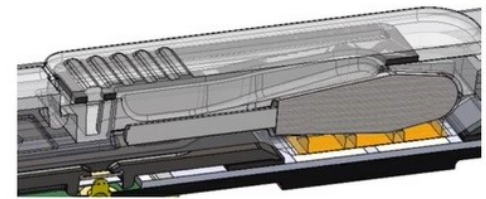
### What is it?

- Nanopore array flowcell that accepts raw sample input
- Strands can be prepared for sequencing with new end-loading motor enzyme
- DNA moved from sample chamber to detection (cis) chamber by electrophoresis
- Pipette-free operation with integrated user-actuated pump

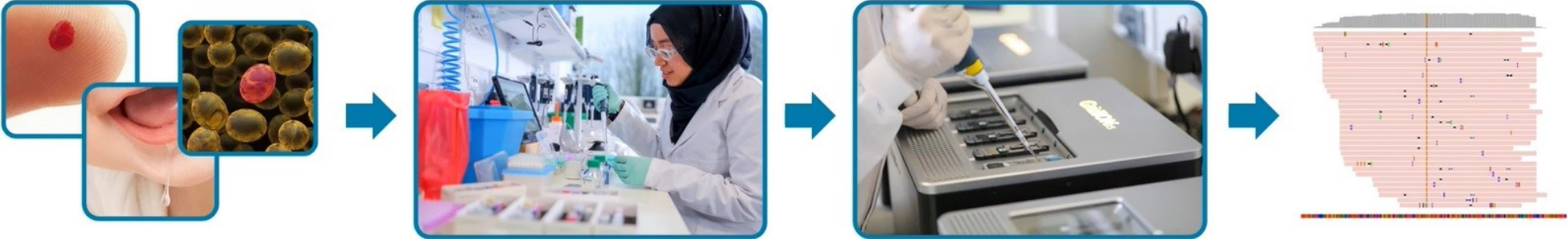


### How will it look?

- Flowcell design compatible with our MinION platform
- We've converted the recess above the array into sample input/reaction chamber
- A semipermeable matrix allows the **electrophoretic transfer** of strands from input to sequencing chamber
- The device can be operated in two modes:
  - Motorless counting: cfDNA quantification or metabolite detection
  - Sequencing: in tandem with end-loading motor enzyme



Laboratory 'Liquid Biopsy' workflows:



Anything, anyone, anywhere:

