

FluoretiQ

Fast, flexible microbial testing

Challenge

£150m is the Annual cost to NHS of additional bed days due to slow diagnosis. £100m is the cost of recall for contaminated products. 700k people world-wide are killed by super-bugs each year.

Solution

FluoretiQ is developing technology to enable identification of harmful bacteria in minutes rather than days. Our technology is built on advances in glycan chemistry and quantum optics, packaged in an easy to use and scalable offering. Bacteria is identified by proprietary nano-material labels which are then identified using an advanced optical measurement system, in a simple 3 step process.

HTH Contribution

The Health Tech Hub supported the design and manufacture of the casing which holds the instrumentation, by evaluating 3D printing options available and preparing redesigning accordingly. The HTH team assisted firstly by scoping activity and investigating resource availability, secondly, by reviewing CAD drawings and exporting them into Solid Works and lastly, by redesigning components for 3D printing.

“The Health Tech Hub’s expertise and support helped FluoretiQ’s design team to improve our enclosure designs. The HTH also facilitated the successful 3D printing of our first prototypes”

Nenciah Dorb

CEO & Co-Founder of *FluoretiQ*®



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