

TTP launches POC Diagnostic Instrument Development Service

August 4, 2016 | News | By BioSpectrum Bureau

TTP launches POC Diagnostic Instrument Development Service



Singapore: The Technology Partnership plc (TTP), a world-leading technology and development organisation, today announced the launch of Desktop Biology. The new service will enable point-of-care diagnostic providers to rapidly convert their biological assay into a market-ready system capable of producing a result in as little as 15 minutes.

The new service provides an accessible and rapid route to market, offering a seamless approach for companies looking to accelerate the development of their assay to a product for use in diagnostics or research.

Made possible with TTP's expertise in regulated environments and fast track system development, this advance will enable rapid translation of a customer's biology to a product on the market. Key to this service is the ability for TTP's team to understand the fundamental steps required to convert lab-based biological processes (for example, sample preparation, labelling and assay measurement) to a functional low-cost disposable and small instrument.

Users of the Desktop Biology service will have the opportunity to benefit from TTP's in-house platforms and technologies, that have been designed to translate complex biological assays into low-cost, disposable consumables.

Desktop Biology customers will also have access to TTP's novel IP that has been especially developed to address some of the key challenges in the biological arena. This includes technologies that provide benefits for a number of assay steps, including biological and cellular deposition, methods for the rapid lysing of high sample volumes, high speed thermocycling, optical and electronic detection systems, and unique low profile and non-pulsatile pumps for highly controlled liquid movement.

Ã?Â

"In recent years, we've seen an increased interest in translating processes and instrumentation from the central lab to the researcher's or clinic's desktop", said Dr Giles Sanders, at TTP. "We're confident that this service and related TTP platforms will prove attractive to assay and instrument providers in this emerging market, by providing an accelerated route to manufacture that is augmented by our expertise in product development, engineering and the underlying biology of assay design and development."

The TTP: Desktop Biology platform will be on display at the 68th AACC Annual Scientific Meeting and Clinical Lab Expo in Philadelphia, at booth 3459 at the Pennsylvania Convention Centre.

Ã?Â