



Biotech Daily

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BIOPHARMICA

Biopharmica, Swinburne University of Technology will collaborate with Tokyo electronics and telecommunications manufacturing group Fujikura.

The collaborative will facilitate production of the fiberoptic nanoprobe, the core technology of the Biopharmica Swinburne joint venture developing surface-enhanced raman spectroscopy for biosensing and other applications.

Swinburne will process and test pre-form samples delivered by Fujikura to determine the best manufacturing procedure.

Swinburne will report to Fujikura describing the method used for routine manufacture and commercial scale-up with the objective of Fujikura becoming the manufacturer and possible global product distributor and licensee.

Swinburne and Biopharmica have been working to develop and commercialize the surface-enhanced raman spectroscopy nanoprobe, a solid-state component comprising the microscopic tip of an optical fibre for use in biosensing.

Biopharmica said the sensor was designed to be incorporated into portable field instruments with potential in medical, military and environmental applications.

Biopharmica said research fellow at Swinburne's Centre for Atom Optics and Ultrafast Spectroscopy Dr Paul Stoddart developed the nanostructured fibre optic sensors to be both inexpensive and offer enhanced sensitivity.

The collaboration agreement with Fujikura is to address the limited availability of the nanoprobes and develop processes to enable their high volume manufacture.

Biopharmica was unchanged at 5.3 cents.