



BioLayer Corporation Limited

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Brisbane based material sciences company BioLayer (ASX:BLS) today announced it has begun a collaboration with Cleveland Biosensors, a neighboring Brisbane company which has developed a hand-held instrument called BioFiniti® that allows users to conduct rapid, accurate analysis on a wide variety of samples. The BioFiniti® testing system enables on-the-spot testing in the medical, veterinary, food and water industries.

As part of the collaboration BioLayer will apply different Mix&Go™ coatings on beads used in a BioFiniti® device that quickly and simply tests on-the-spot levels of microcystin in water. Microcystin is a highly sensitive indicator of water contamination by algae and would normally be measured off-site using expensive laboratory testing, with results taking a week.

Cleveland Biosensors has developed a BioFiniti® test that measures extremely low levels of microcystin in under 20 minutes, helping water managers identify and treat contaminated water. Preliminary experiments with BioLayer's Mix&Go™ have shown promising results in terms of reducing test costs and making test kits easier to manufacture.

"BioLayer is delighted to be working with this innovative Australian company on what looks like a very promising technology with an exciting future" said David Beins, BioLayer's Managing Director and CEO. "The fact that Cleveland Biosensors is located right here in the Brisbane Technology Park is an added bonus, making for easy interaction and skills sharing between the two companies" he added.

"I think it's great that two Brisbane companies can team up to help solve water problems that are becoming so important, not just in Australia but in so many places overseas" said Brett Kettle, Cleveland's CEO. "As we scale up production, we're impressed by the potential of BioLayer's technology to help reduce costs, simplify manufacturing and help us develop new types of tests more quickly" he said.

Cleveland Biosensors Pty Limited are innovators in point-of-care diagnostics and creators of the BioFiniti system, a portable biosensor that uses disposable microfluidic cartridges to detect high-sensitivity targets in food and water, animals and humans. Cleveland Biosensors develops and packages detection technology, manufactures consumables for sale in selected markets, and licenses its technology to third parties for application outside of these selected markets. The company, originally launched as a spin-out from the Australian Institute of Marine Science and James Cook University, is headquartered in Brisbane. Cleveland Biosensors acknowledges funding support from Queensland's ISUS and teQstart, and the Commonwealth's BITS, BIF & R&D Start programs... For more information, visit www.clevelandbiosensors.com.

BioLayer Corporation is an Australian material sciences company specializing in the design and assembly of multi-component coatings for the solid phase of immunoassay and bioseparations. BioLayer's proprietary coatings bind, orient and protect proteins such as antibodies in specific ways that enhance functionality. In the case of immunoassay this results in dramatically improved performance like better sensitivity, and cost savings like batch-to-batch reproducibility. In bioseparations it means a totally synthetic and robust surface that specifically and reversibly binds any target protein. BioLayer works with many types of solid phase materials and formats, like beads of different kinds, membranes and plates. For more information, visit www.biolayercorp.com.

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