

Thursday, March 26, 2009

Medical Technology » News » Story

### MDSystems to assist in cancer cell studies

**Singapore, Mar 25, 2009:** BioPharmica, an Australian company announced that Professor Kanti Bhoola of The Lung Institute of Western Australia (LIWA) has contracted the company's wholly owned subsidiary, Molecular Discovery Systems (MDSystems) to assist in the characterization of protein expression in human lung and mesothelioma cancer cells.

The expression of five proteins within these cells, as well as their response to treatment was required to support previous findings within Professor Bhoola's research program.

Image capture and analysis of the prepared plates was conducted at the MDSystems laboratory to provide the result of analysis documents detailing protein location and abundance. According to the company, with the first phase of the project nearing completion with highly satisfactory results, preparation for the next phase of the project 'The effect of Bradykinin on mitogenesis,' has begun.

As a result of this work, interest has been generated as to other potential applications of the InCell Analyzer 1000 for research purposes. MDSystems and LIWA are currently negotiating the incorporation of MDSystem's analysis technology into other research programs.

The MDSystems owned InCell Analyzer 1000 combines high resolution imaging and high-content analysis to provide a technology that rapidly detects and quantifies components of the cell much faster than conventional methods.

© BioSpectrum Bureau