

NEWS RELEASE - FOR IMMEDIATE RELEASE
Date: 30.08.05

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New Proteomics Software
Promises Quick and Easy Identification of Biologically Relevant Proteins

Cambridge, UK: Syngene, a world-leading manufacturer of image analysis solutions, is delighted to introduce DYMENSION 3, an exciting new software for rapid, yet reproducible analysis of proteins run on 2D multi-stain gels such as Cyanine dyes.

For proteomics studies, 2D multi-stain gels are considered a more precise method of analysis because each protein spot has its own internal standard, which eliminates the problem of gel to gel variation. However, aligning these gels can be a very time consuming task. Now using DYMENSION 3 software, scientists can automatically overlay images of gels showing up to three contrasting fluorescently labelled protein samples. Then using its exceptional spot finding algorithm, DYMENSION 3 instantly locates and analyses protein spots, assigning statistical confidence to each and every difference, thus accurately highlighting specific relevant proteins.

As well as being more accurate, DYMENSION 3 is also faster than any other 2D analysis software currently available as the process from alignment and 2D image analysis through to report generation takes just minutes. Additionally, the software can produce results so precise they need little post-image editing. This speed of image analysis and editing means users of DYMENSION 3 could save many valuable research hours.

Laura Sullivan, Syngene's Divisional Manager explained: "It is widely acknowledged that 2D multi-staining is a reproducible method of protein analysis so we are delighted to produce a system, which perfectly complements this technology. By harnessing the power of our exceptional new DYMENSION 3 software to automatically analyse this type of gel, scientists can be guaranteed top quality data, giving them the confidence that what they are identifying are those all important biologically relevant proteins."

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All trademarks acknowledged

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Note to Editors**About Syngene**

Syngene is a world leader in gel documentation and analysis systems, ranging from low cost entry level kits to fully computer controlled automatic analysers for fluorescence, chemiluminescence and proteomics work stations. Its systems are used by more than 10,000 research organisations and over 50,000 individual scientists worldwide and include many of the world's top pharmaceutical companies and major research institutes.

Syngene, founded in 1997 is a division of the Synoptics Group based in Cambridge, UK. The Group's other divisions, Syncroscopy and Synbiosis, specialise in digital imaging solutions for microscopy and microbial applications respectively. Synoptics currently employs 55 people in its UK and subsidiary operation in Frederick, USA. The Group has profitable revenue of almost \$10 million and continues to grow rapidly.