

**NEWS RELEASE - FOR IMMEDIATE RELEASE****Date: 15.07.10****Image Attached****100<sup>th</sup> Syngene image analyser in Singapore is the 11<sup>th</sup> Syngene system  
to be installed at one of Asia's top universities**

**Cambridge, UK:** Syngene, a world-leading manufacturer of image analysis solutions, is pleased to announce that it has installed its 100<sup>th</sup> image analysis system in Singapore at the prestigious National University of Singapore (NUS). The new G:BOX system will be used alongside the 10 other Syngene analysers purchased by the University since 2001, to accurately and safely analyse DNA and RNA.

Researchers in the Department of Biological Sciences at the NUS chose the G:BOX as they need an imager which is sensitive enough to detect DNA and RNA stained with SYBR<sup>®</sup> Safe<sup>™</sup>. They prefer to use SYBR<sup>®</sup> Safe<sup>™</sup> in teaching and research applications since this dye is safer than Ethidium Bromide and does not damage nucleic acids. This is important because students and researchers often extract DNA from gels for uses such as cloning, so need intact DNA.

Madam Subha, a Lab Manager in the Department of Biological Sciences at the NUS stated: "In our department, we undertake research and teaching in the various fields of biology. We decided to install a G:BOX because we've found the G:BOX cameras are much better at detecting faint SYBR<sup>®</sup> Safe<sup>™</sup> stained bands which the other analysers we've tried can't detect especially in the case of SYBR<sup>®</sup> Safe<sup>™</sup> stained RNA."

Madam Subha added: "We use Syngene systems in our teaching labs too because they are hardy, as well as being quick and easy to set up. This is essential as we often have 200 students in our sessions all needing to take pictures of their gels and they can be quite rough with equipment. The first Syngene system we installed in 2001 is still working well today, despite being tested to its limits. We now prefer to use Syngene systems in our labs, (we have 11 in total) as they are perfect for all our different needs and we are honoured to be the place where the 100<sup>th</sup> Syngene system in Singapore is sited."

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Laura Sullivan, Syngene's Divisional Manager concluded: "We are delighted that our 100<sup>th</sup> system in Singapore is going to be amongst so many others at the NUS. The NUS's continued commitment to using Syngene image analysers is a great testament to the robust long term performance of our systems and shows academic institutes everywhere that a Syngene image analyser is a cost-effective purchase which will safely deliver accurate results in research and teaching applications time after time."

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### **For Further Information Contact:**

Jayne Arthur, Syngene, Beacon House, Nuffield Road, Cambridge, CB4 1TF, UK.

Tel: +44(0) 1223-727123 Fax +44 (0) 1223-727101

Email: [jayne.arthur@syngene.com](mailto:jayne.arthur@syngene.com) Web site: [www.syngene.com](http://www.syngene.com)

Madam N Subha, Lab Manager, Department of Biological Sciences, National University of Singapore, 14 Science Drive 4, Singapore 117543.

Tel +65-6516-2637

Email: [dbssubha@nus.edu.sg](mailto:dbssubha@nus.edu.sg) Web site: [www.nus.edu.sg](http://www.nus.edu.sg)

### **Editor Contact:**

Dr Sue Pearson, Director, International Science Writer, PO Box 170, Hitchin, Hertfordshire SG5 3GD, UK.

Tel/Fax: +44(0) 1462-635327 Email: [sue6.pearson@ntlworld.com](mailto:sue6.pearson@ntlworld.com)

### **Note to Editors** **About Syngene**

Syngene is a world-leading supplier of integrated imaging solutions for analysis and documentation of gel-based information. Syngene's systems are used by more than 10,000 research organisations and over 50,000 individual scientists world-wide and include many of the world's top pharmaceutical companies and major research institutes.

Syngene, founded in 1997 is a division of the Cambridge based Synoptics Group. The Group's other divisions, Syncroscopy and Synbiosis, specialise in digital imaging solutions for microscopy and microbial applications respectively. Synoptics currently employs over 40 people in its UK and subsidiary operation in Frederick, USA.

### **About the National University of Singapore (NUS)**

A leading global university centered in Asia, the National University of Singapore (NUS) offers an international approach to education and research, with a focus on Asian perspectives and expertise. Its transformative education includes a broad-based curriculum underscored by multi-disciplinary courses and cross-faculty enrichment, as well as special programmes which allow students to realise their potential. Over 30,000 students from 100 countries further enrich the community with their diverse social and cultural perspectives, making campus life vibrant and exciting.

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The Department of Biological Sciences (DBS) at the National University of Singapore is widely recognised as one of the best Life Sciences Departments in the Asia Pacific Region with core strengths in Ecology/Biodiversity, Cell/Molecular/Developmental Biology and Biophysical Sciences.

DBS has an international faculty and strong international ties in research and teaching with MIT through the Singapore-MIT Alliance (SMA) and the MIT SMART research groups, with labs at Tsinghua and Xiamen University through the Trilateral Research Collaboration, and with top Indian research institutes and universities such as the Indian Institute of Science, Anna University, and the University of Madras.