



**FOR IMMEDIATE RELEASE**  
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## **OGT'S ARRAY TECHNOLOGY TO BOOST PROKARYOTE GENOMICS RESEARCH**

**Oxford, October 2, 2008** - Oxford Gene Technology (OGT), the pioneer of microarray-based technologies, has developed the Universal Prokaryotic high density oligonucleotide arrays, which are ideal for use in ChIP-on-chip, gene expression and comparative genomics research. The microarrays feature multiple arrays per slide, allowing research scientists to carry out versatile, integrated experiments in more than one application area, even on the same array, to save both time and cost.

The Universal Prokaryotic arrays use long oligonucleotides that are synthesised using advanced printing technology to produce highly sensitive arrays, resulting in more consistent data. The arrays have been designed in collaboration with the prokaryotic community, so the arrays are targeted to real research needs, yielding answers more quickly and producing more data and better results. Universal Prokaryotic arrays are available for many popular research targets, including *E. coli*, *S. typhimurium* (SL1344 and LT2), *Streptomyces coelicolor* and *Mycobacterium tuberculosis*.

Colin Smith, Professor of Functional Genomics at the University of Surrey, has collaborated with OGT in the development of a *Streptomyces coelicolor* high density array. Prof Smith explained: "The arrays are designed to suit the needs of the user and give far more reproducible data and much higher resolution. Advanced printing technology cost-effectively produces high density arrays with a quality that is far superior to spotted arrays. Array technology is moving so fast and this really is the next step forward."

Dr Marcus Harrison, Services Product Manager, at OGT, said: "The design of the Universal arrays has been fuelled by our customers who want to understand the underlying systems biology associated with their research. OGT has responded to this need and designed arrays that provide the right solution at the right price for the community."

Visit our website [www.ogt.co.uk](http://www.ogt.co.uk) for further information and an introductory offer.

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**Notes to editors**

**About Oxford Gene Technology**

Founded in 1995 by the pioneer of Southern Blotting and microarray technologies, Professor Sir Edwin Southern, OGT is based near Oxford, UK.

**The key focus areas of OGT include:**

1. **High Throughput Microarray Services. With a processing capacity of over 1,000 samples per week**, applications available include aCGH, CNV, methylation studies and miRNA.
2. **Cytogenetics products and services** for high resolution detection of chromosomal abnormalities. OGT offers a range of high resolution oligonucleotide arrays, labelling kits and analysis software that together provide a unique, comprehensive solution for cytogenetics.
3. **Digital microarrays/ Single Cell analysis.** OGT's innovative, patent-protected technology development programme is aimed at analysing genomic events at the single cell level for major applications such as stem cell and cancer biology.
4. **Licensing.** OGT operates an open licensing policy which has successfully provided access for a number of companies to OGT's fundamental intellectual property, particularly in the area of microarrays.

For further information on OGT products and services please visit <http://www.ogt.co.uk/>

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