NEWS RELEASE

UHN Microarray Centre

# Agilent's SurePrint G3 oligonucleotide arrays are now available

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Toronto, ON: The University Health Network Microarray Centre (UHNMAC), an Agilent Certified Services Provider, is pleased to announce the availability of the Agilent SurePrint G3 oligonucleotide arrays for the Agilent aCGH service.

The Agilent G3 (third-generation) microarrays contain up to one million probes on a standard 1inch x 3inch glass slide, and the features are arranged onto a hexagonal grid. The arrays approximate a rectilinear grid, with the even rows offset to the right by one-half of the column spacing. The new formats, which are currently available for aCGH and CNV applications, address the need for higher resolution CGH/CNV data and reduced cost per data point. In the future, these formats will be available for other array applications.

The Human Genome CGH arrays are available in the following formats:

1 x 1M: one slide consisting of a single array of 974,016 features

2 x 400K: one slide consisting of two arrays of 420,288 features each

4 x 180K: one slide consisting of four arrays of 180,880 features each

8 x 60K: one slide consisting of eight arrays of 62,976 features each

Custom Agilent arrays are also available in these four formats and the Human CNV array is available in the 2 x 400K format. For a list of all available arrays and service pricing, please visit the Agilent aCGH Service page, http://www.microarrays.ca/services/Agilent_aCGH.html.

The UHNMAC (www.microarrays.ca) was established in 1998 and worked with a local engineering company to develop the arrayer robot that is now sold commercially as the BioRad VersArray ChipWriter Pro. Since 2000, the UHNMAC has provided arrays, training and support to over 700 labs in 27 different countries and over 100,000 arrays have been printed and distributed. UHNMAC offers Human, Mouse, and Yeast cDNA microarrays, Human and Mouse CpG Island microarrays, and, due to our collaboration with SLRIMF, also prints Mouse, Zebrafish, *C. elegans*, focused Human and Yeast oligonucleotide microarrays. Genomic Services (including Expression Profiling, ChIP-on-Chip, Differential Methylation, Array CGH) on Affymetrix, Agilent, Illumina, and cDNA microarray platforms, data analysis, and custom microarray and clone production are also available. Neil Winegarden is the Head of Operations at the UHNMAC, located on the 9th floor of the Toronto Medical Discovery Tower (9-301), MaRS, 101 College Street in Toronto.