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Press Release

Launches “Upgrade me” plan to help laboratories scale up arrayCGH.

University of Nebraska Medical Center joins labs upgrading to the BlueGnome CytoChip

BlueGnome announced today a program designed specifically to meet the needs of laboratories that are looking to scale up the volume of their arrayCGH investigations. The new “Upgrade me” plan specifically benefits laboratories that have been using 2x105K and 4x44K oligo arrays, and wish to dramatically improve their data storage, analysis and interpretation capabilities.

Central to the plan is the adoption of BlueGnome’s BlueFuse Multi software. BlueFuse Multi combines automated data analysis with a scalable laboratory database and so provides a centralized repository around which a more efficient laboratory workflow may be planned. Critically BlueFuse Multi enables each new case to be visualized against summary tracks of all other imbalances in the database in order to easily identify recurrent regions of benign copy number variation or locate samples which share low frequency imbalances.

As Tony Lialin, Director of North American sales, explained, “ArrayCGH data is expensive to produce and represents a major investment by cytogenetics laboratories. However even though this data is held electronically it’s impossible for a laboratory director to easily identify samples which share the same imbalance or deleted gene. We are offering the labs who join the Upgrade Me programme the opportunity to realize the full value of this investment by building for them a comprehensive laboratory database which can be used to transform the interpretation of future results.”

Dr. Warren Sanger, Director of Cytogenetics at University of Nebraska Medical Center concurred, “We run a very high throughput cytogenetics laboratory however for some time it has been apparent that data analysis and interpretation represent the biggest bottleneck in our investigations. Within hours of embarking on their Upgrade Me plan BlueGnome had completed the analysis of all our samples which are now immediately accessible from any workstation in the lab. The resulting database already gives us more reliable and meaningful information on our imbalances than we could hope to obtain from online data sources. We are now using the CytoChip Oligo 4x44K array which is compatible with our existing hardware and laboratory workflow.”

All BlueGnome products are supplied for Research Use Only.

About BlueGnome

BlueGnome (www.cytochip.com) is a specialist developer of microarrays, consumables, software and FISH probes to improve the speed and resolution of cytogenetic investigations.

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