



NANTOMICS SELECTED BY GENOMICS ENGLAND TO MOVE TO NEXT STAGE OF 100,000 GENOMES PROJECT FOR PATIENTS WITH CANCER

The Nantworks Company Acknowledged As Potential Provider For Variant Annotation And Clinical Interpretation Element Of 100,000 Genome Project

London, UK (October 14, 2014) – Dr. Patrick Soon-Shiong, Chairman and CEO of NantOmics, a member of the Nant family of companies, announced today that the company had been advanced to the next phase of Genomics England’s annotation assessment exercise. A team led by Tim Hubbard of King’s College, London and Head of Bioinformatics and Genomics England evaluated NantOmics’ response to the exercise, determining the current capabilities of NantOmics.

NantOmics was invited to complete an Annotation Assessment together with the BAM and VCF files in respect of 10 cancer/normal samples. Based on Genomics England’s evaluation, NantOmics is now one of 10 selected from 28 participating companies eligible to participate in the variant annotation and clinical interpretation phase of the 100,000 Genomes Project.

“It is an honor to have been recognized by Genomics England as potential partners in paving the path for molecularly-driven clinical decisions in the treatment of cancer,” said Dr. Patrick Soon-Shiong. “Together with Genomics England, we have the potential to propel cancer care in the 21st Century.”

This selection follows on the recent announcement by Providence Health & Services spanning 5 Western United States, to utilize NantHealth and NantOmic's bioinformatics supercomputing services to support the United State's first Cancer Clinical Network for clinical whole genomic sequencing and for Predictive Proteomic decision support. The Providence health network, one of the largest in the country, currently cares for more than 25,000 newly diagnosed cancer patients annually with over 100,000 patients under active treatment or observation.

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About NantOmics

NantOmics is a leading medical diagnostic company dedicated to providing actionable intelligence and molecularly-driven decision support for cancer patients and their providers at the point of care. NantOmics is the first molecular diagnostics company to pioneer an integrated approach to unearthing the genomic and proteomic variances that initiate and drive cancer, by analyzing both normal and tumor cells from the same patient and following identified variances through from DNA to RNA to protein to drug. NantOmics has a highly scalable cloud-based infrastructure capable of storing and processing thousands of genomes a day, computing genomic variances in near real-time, and correlating proteomic pathway analysis with quantitative multi-plexed protein expression analysis from the same micro-dissected tumor sample used for genomic analysis. For more information please visit www.nantomics.com and follow *Dr. Soon-Shiong on Twitter @solvehealthcare*.

About Genomics England

Genomics England, with the consent of participants and the support of the public, is creating a lasting legacy for patients, the NHS and the UK economy, through the sequencing of 100,000 genomes.

Genomics England is a company owned by the Department of Health and was set up to deliver the 100,000 Genomes Project. This flagship project will sequence 100,000 whole genomes from NHS patients by 2017.

Genomics England has four main aims:

- to bring benefit to patients
- to create an ethical and transparent programme based on consent
- to enable new scientific discovery and medical insights
- to kickstart the development of a UK genomics industry

About Providence Health & Services

[Providence Health & Services](#) is a not-for-profit Catholic health care ministry committed to providing for the needs of the communities it serves – especially for those who are poor and vulnerable. Providence's services include 34 hospitals, 447 physician clinics, senior services, supportive housing, hospice, home health and many other health and educational services. The health system and its affiliates employs more than 74,000 people across five states – Alaska, California, Montana, Oregon and Washington – with its system office located in Renton, Washington. In 2013, Providence provided more than \$951 million in community benefit, including \$313 million in free and discounted care for those who could not afford to pay for care. Providence Health & Services continues a tradition of caring that the Sisters of Providence began more than 158 years ago.

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