



Congenica earns major role in world's first routine national genomic medicine service

Genomics England names Congenica as Clinical Decision Support Service partner for the delivery of the NHS Genomic Medicine Service

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Cambridge Innovation Capital plc (CIC) notes that its portfolio company, Congenica, has been awarded a multi-year contract by Genomics England to be a provider of Diagnostic Decision Support Services in relation to the delivery of the UK National Health Service's (NHS) world-leading Genomic Medicine Service.

Genomics England carried out a rigorous evaluation of all the leading providers of diagnostic decision support solutions for genomics from across the globe, during a formal competitive tender process. Features including usability, clinical accuracy, case throughput and commercial value were all tested and Congenica's platform, Sapienia™, emerged as the clear leader.

Professor John Mattick, Chief Executive of Genomics England, commented, "By working with Congenica from the start of the 100,000 Genomes Project, we've been able to provide high quality variant interpretation of genomes to the NHS, helping deliver benefits to patients at scale. Now that we are embarking on the next exciting step in our journey to embed genomic medicine in healthcare, Congenica will continue to play an important role with Genomics England in delivering results to clinicians and diagnoses to patients."

The NHS is establishing the national Genomic Medicine Service inclusive of a network of Genomic Laboratory Hubs around the country serving patients with a wide variety of needs. Initially, patients who suffer with rare and inherited diseases and cancer will be able to access genomic testing - an area of focus for the Sapienia™ platform. The service began mobilising in October 2018 and will continue to provide valuable clinical information to 100,000s of patients.

Congenica's CEO, Dr David Atkins, said, "Genomics England and the NHS have done extraordinary work in building the foundations for Genomics Medicine Service. We feel privileged to continue to be part of this initiative and to be a contributor to the world's first service of this kind. While we have many other customers who have subjected us to rigorous evaluation, we are particularly proud to have beaten a very competitive field in this competition."

Sapienia™ has already been extensively validated on approximately 10,000 genomes during the 100,000 Genomes Project. During this time, Congenica's clinical scientists used Sapienia™ for clinical analysis and genomic interrogation, to generate comprehensive and actionable clinical reports.

Genomics England was established by the UK Department of Health and Social Care to deliver the 100,000 Genomes Project, which is expected to complete before the end of 2018. The experience gained from this project has enabled the NHS to advance a service which transforms the way that people are cared for in the UK, bringing genomics to the clinic and improving the quality and efficiency of the healthcare system.



Dr Andy Richards, Congenica’s Chairman, said, “The UK has always been at the forefront of genomic medicine and the launch of the new NHS service further demonstrates this. The experience that Congenica has gained, working alongside the NHS and Genomics England to achieve this, puts us in a strong position to expand globally and integrate genomics effectively into other international healthcare systems.”

Dr Michael Anstey, Investment Director of CIC, added, “We have supported Congenica since its foundation. This contract win validates our original vision and confirms the global potential of Sapia™ to improve outcomes for patients as use of genomic medicine becomes the norm.”

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About Cambridge Innovation Capital plc

CIC combines a unique relationship with the University of Cambridge with deep financial and industry links to support rapidly growing intellectual property rich companies in the Cambridge Cluster. The company is committed to building leading businesses from brilliant technologies, with the benefit of some of the most influential figures in the sector and a patient capital structure.

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About Congenica

Congenica is the provider of the diagnostic decision support platform, Sapienia, and associated clinical services, which enable clinicians to interrogate the human genome to identify disease-causing variants. 80% of rare diseases are thought to have a genetic component, and patients wait an average of 4.7 years, and typically see 7.4 different clinical specialists, before getting a diagnosis. Sapienia enables clinicians to progress through workflows more quickly, optimizing throughput of patients, number of patients diagnosed and reducing costs.

Headquartered in Cambridge, UK, and with a footprint in the US and China, Congenica is born out of pioneering research from the Wellcome Trust Sanger Institute and the NHS. Congenica is a partner for the pivotal Genomics England 100,000 Genomes Project.

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