

Cellzome awarded UK's Technology Strategy Board grant as part of the Regenerative Medicine Programme

Three grants have been awarded this year which demonstrate the broad utility of Cellzome's unique chemoproteomics platform

Cambridge, UK and Heidelberg, Germany, 6th December 2011 - Cellzome announces today the award of a grant by the UK government-backed Technology Strategy Board under its Regenerative Medicine Programme: "Tools and Technologies" for a project which will address the need for better characterization of human stem cells. Cellzome will use its *Episphere*[™] technology in collaboration with Pfizer Ltd (Neusentis), the University of Sheffield and Plasticell Limited to identify protein fingerprints which are predictive of potentially deleterious changes in the stem cells. The project will be led by Cellzome and the funding will amount to € 1.1 M (£0.9M) over a period of two years.

This is the third grant awarded this year that leverages Cellzome's unique position in chemoproteomics and supports the company's innovative approaches to drug discovery.

In addition to the Technology Strategy Board grant, Cellzome is participating in BLUEPRINT, one of Europe's largest efforts to decipher epigenomes of the haematopoietic system. Cellzome will apply its *Episphere*[™] technology to the identification of multiple drug candidates. This programme will be delivered by an outstanding network of academic and biotech partners and Cellzome will receive € 1.2 million funding for this work. As part of a separate EU-funded project, known as ORCHID, Cellzome will contribute to the identification of new treatments for tuberculosis using chemoproteomics. Both EU grants were awarded earlier this year as part of the EU 7th Framework Programme.

David Simmons, CSO of Cellzome said: "The consortia which are funded by these grants are of a high calibre, and they are made up from leaders in their respective fields. They provide an excellent opportunity for Cellzome to explore new avenues for our chemoproteomics platform. Cellzome's technology is ideally placed to unravel some of the basic regulatory pathways in health and disease and it will contribute to the identification of a new generation of drug candidates for autoimmune disorders and cancer."

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About Cellzome

Cellzome is a world leader in chemoproteomics, transforming the sciences of epigenetics and signal transduction into novel drug candidates in inflammatory diseases and oncology. The Company maintains the highest levels of scientific expertise and has active collaborations with the foremost academic laboratories around the world. Cellzome's technologies work with native proteins in a physiological setting to discover small molecule drugs targeting protein complexes that underlie diseases. The Company has a track record in delivering significant collaborations with top pharmaceutical companies including GlaxoSmithKline, Johnson & Johnson and Novartis. Cellzome is a privately-held, international, company located in Heidelberg, Germany and Cambridge, UK employing about 100 people. For more information please visit:

www.cellzome.com

About the Technology Strategy Board Regenerative Medicine Programme

The Technology Strategy Board is a business-led, UK government-funded organisation whose purpose is to promote and invest in technology-enabled innovation to boost UK business and prosperity. This is achieved by taking a lead in investing in new ideas, building networks and promoting the exchange of knowledge between industries, academia and society as a whole. As part of the Regenerative Medicine Programme, the Technology Strategy Board, the Medical Research Council (MRC), the Biotechnology and Biological Sciences Research Council (BBSRC) and the Engineering and Physical Sciences Research Council (EPSRC) are investing up to £21 M in collaborative research and development projects in the area of regenerative medicine tools and technologies.

About Blueprint

The BLUEPRINT consortium is a network of academic and industry researchers who join forces to decipher the epigenomes of at least 100 reference epigenomes with a focus on distinct types of haematopoietic cells from healthy individuals and their malignant leukaemic counterparts. The research is embedded in centres for biological research into blood-based diseases, like leukemias or autoimmune diseases. The work complements other international efforts in this area, like the Human Epigenome Consortium (IHEC). The project receives in total €30M in EU funding and will run for 4.5 years, until March 2016.

About Orchid

ORCHID, "Open Collaborative Model for Tuberculosis Lead Optimisation", focuses on testing new drugs against drug-sensitive and resistant tuberculosis, with a number of promising molecules as a starting point in the development of new medicines. The consortium brings together TB expertise from academia, government research centres, non-for-profit organizations and small biotechnology companies with funding from the EU's Seventh Framework Programme for Research (FP7). Under the leadership of the pharmaceutical company GlaxoSmithKline, more than 25 scientists worldwide will pool their expertise to investigate the potential of three different areas of research, all of which have shown potential activity against TB. The ORCHID is a € 10 M research project which is receiving €5.4 M from the EU's Seventh Framework Programme for Research. The rest of the funds will come from the ORCHID partners, largely from the provision of expertise and resources.

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