



Investing in innovation: the future of life science in Wales

Delivered by MediWales & BIA, 11th February 2016 at GE Healthcare

Welsh technology features:

The first featured company was Neem Biotech, whose Laboratory Manager, Rob Saunders, introduced Neem as a fully integrated medical and industrial biotech company with a focus on antimicrobial research in areas of high unmet needs and rare diseases. He highlighted how the company has expertise in extracting valuable compounds from plants for R&D, in contract research with their innovative extraction processes, and with their manufacturing capabilities.

Matthew Lakelin, Chief Scientific Officer introduced TrakCel, a Clinical Orchestration Platform designed to efficiently safeguard patients and orchestrate processes across regenerative and cell-based therapies. The platform can standardise clinical and manufacturing processes, manage and document activity to integrate the supply chain, and coordinate cell therapies keeping patient safety at the forefront of its activity.

Founder and Chairman of Moleculomics, Jonathan Mullins, presented on the structures for a new era of drug discovery. Moleculomics is a life science technology company focused on high-throughput in-silico modelling of protein structure and ligand docking, serving the pharmaceutical using in-silico research, the company reduces use of animals in research and helps filter compounds to move forward to clinical trials.

Next, Andrew Mearns Spragg, CEO of Jellagen discussed how jellyfish collagen biomaterial is the next generation of collagen for cell culture and med-tech products. Jellagen offers functional non-mammalian collagen products sourced from jellyfish, and is a global supplier collagen that is looking to scale up its work in the cell culture market and enter new markets.

The Sure Chill Company Chairman, Peter Saunders OBE, introduced to the delegates the power of cool. The company is behind a unique cooling technology that can be used for vaccines and other products. The innovative technology allows a fridge to work where power is erratic, can time-shift energy usage and choose when to take power, and reduce wastage, saving £322 million for global health.

Fulcrum is a specialist marketing company providing a range of commercialisation, business and marketing services to life sciences and technology organisations that are developing breakthrough inventions. Tony Hepburn, Director presented on life science commercialisation focusing on assessment, access and partnerships, outlining Fulcrum's expertise in business and marketing strategy, evaluation and route to market planning.

Co-Founder of Cotton Mouton Diagnostics (CMD), Jenna Bowen, presented on using magneto-optical sensing at point-of-need to diagnose diseases such as malaria and sepsis. CMD is a South Wales start-up company spun out of the Universities of Exeter and Cardiff to exploit major business opportunities in the field of point-of-care diagnostics.