Novasep and CPI advance innovation in UK biopharmaceutical manufacturing

Novasep’s BioSC® Lab continuous biochromatography equipment will enable CPI to disseminate next-generation downstream processes

Pompey, France, November 10, 2015 – Novasep, a leading supplier of services and technologies for the life sciences industry, and the Centre for Process Innovation (CPI), a UK-based technology innovation centre, today announce they have equipped the UK National Biologics Manufacturing Centre with BioSC Lab, the latest state-of-the art technology for protein purification.

According to The Future of High Value Manufacturing in the UK report (published by the Knowledge Transfer Network in 2012; p.19), the global biopharmaceutical industry was worth over £90 billion ($138.7bn), and would grow at 15-18% p.a. At that time, the UK biopharmaceutical sector (principally biologics) consisted of over 250 companies. The report stated that although the UK held over 200 biopharmaceutical products in research and development, manufacturing had been predominantly undertaken overseas.

CPI’s mandate is to get UK companies up and running in technological areas that offer the largest potential impact on the future of UK and global manufacturing. It provides services to SMEs that decrease time to market for novel products or processes.

Within this framework, the CPI has been keen to introduce breakthrough continuous processes in the UK biopharmaceutical sector, such as Novasep’s BioSC Lab. These enable developers to reduce equipment footprint and increase process yields, thereby saving time and money.

"The National Biologics Manufacturing Centre has been designed to help companies of all sizes to develop, prove and commercialise new and improved processes and technologies for biopharmaceutical manufacture," said Dr Chris Dowle, director of biologics at CPI. “The installation of Novasep’s BioSC Lab will be a valuable asset to customers using the centre.”

Novasep’s BiosSC Lab, the next-generation continuous biochromatography equipment, can purify a few grams of proteins per day. This enables users to develop cost effective, high yield production processes while maintaining the same quality attributes of the protein.

"Novasep and CPI both use innovation as a strategy to solve problems in biopharmaceutical manufacturing," said Alain Lamproye, president of the Biopharma Business Unit at Novasep. "We believe our BioSC Lab will contribute to helping the UK biopharma sector step into the future of manufacturing, where the demand is for simplification and flexibility."

BioSC Lab is flexible and supports any process operating mode, including batch parallel batch and continuous. It is specifically designed to quickly provide the operator with the best operational parameters for purifying and converting a batch biochromatography recipe into a continuous, optimized one. Its simulation software BioSC Predict frees the process developer to set the most
efficient mode and parameters to purify biomolecules such as monoclonal antibodies (mAbs), blood factors and other proteins.

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**About CPI**
The CPI (Centre for Process Innovation) is a UK-based technology innovation centre and part of the High Value Manufacturing (HVM) Catapult. HVM Catapult is the catalyst for the future growth and success of advanced manufacturing in the UK. CPI uses applied knowledge in science and engineering combined with state of the art facilities to enable its clients to develop, prove, prototype and scale up the next-generation of products and processes.

[http://www.uk-cpi.com/](http://www.uk-cpi.com/)

**About Novasep**
Novasep is a global provider of cost-effective and sustainable manufacturing solutions for life sciences molecules and fine chemicals. Novasep's unique offering includes process development services, purification equipment and turnkey processes, contract manufacturing services and complex active molecules to serve pharmaceutical, biopharmaceutical, fine chemical, food and functional ingredients as well as fermentation and chemical commodities industries.

[http://www.novasep.com](http://www.novasep.com)

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