



Piramal's healthcare vertical invests USD \$2.5 million to further expand commercial ADC capacity

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July 23, 2013, Grangemouth, Scotland, UK: Piramal's Healthcare vertical today announced that it is to invest USD 2.5 million at its FDA approved Grangemouth, UK, site to upgrade one of its antibody drug conjugate (ADC) manufacturing suites, from clinical phase to commercial grade, in response to customer demand. The upgrade will give Piramal two commercial grade ADC suites at the Grangemouth facility, while retaining clinical phase manufacturing capacity in other suites on site.

ADCs are targeted therapies designed to deliver a drug payload to cancer cells while minimising the adverse effects on normal healthy cell and Piramal | Healthcare was the first contract supplier of ADCs globally.

The batch size offered from the Grangemouth facility ranges from 1-1.5kg and Piramal has capacity for further expansion on site if required. As part of the investment, the areas supporting the manufacturing suite will also be upgraded to provide new areas for buffer preparation, equipment preparation and antibody freeze / thaw.

Piramal also intends to expand its "Proof of Concept" (POC) offer at Grangemouth, for pharma companies looking to demonstrate antibody and/or toxin suitability for use as an ADC.

"Piramal was a pioneer when it came to the commercial manufacture of ADCs" commented **Aidan Walker, President, Formulation Services**. "Continued growth in the ADC market and customer demand have led to this latest investment. As part of our POC offer we draw on our vast experience in ADCs to supply model antibodies, the corresponding target cell lines, and non proprietary toxins, to demonstrate suitability of client materials for use in ADC conjugation. We have worked on over 65 ADC candidates and over 30 different ADC drug linkers to date and also have experience with PEGylation, chelating conjugates for radioimmunotherapy and protein toxin conjugates."

Vijay Shah, Executive Director & Chief Operating Officer of Piramal Enterprises, added, "This investment, supporting an emerging and exciting platform in the field of oncology treatment, aligns completely with our values as an organisation. We view ADCs as a strategic area of growth for our Pharma Solutions Business and this investment demonstrates our intention to support our customers with facilities and capacity that can support them into commercial supply".

The announcement follows the news in October 2012 that Piramal had formed an alliance with Fujifilm Diosynth Biotechnologies through which the two companies offer seamless contract development and manufacture of ADCs.

About Piramal | Healthcare:

Piramal | Healthcare is a part of the Piramal Enterprises Ltd. Led by Ajay G. Piramal, the Piramal Group is one of India's foremost business conglomerates. Emerging from a rich textile industry lineage, the Piramal Group has exemplified diversification by foraying into a myriad of industries that encompass healthcare, drug discovery and research, glass, real estate and financial services.

Piramal Enterprises, Piramal Life Sciences, Piramal Glass and Piramal Realty are the flagship companies that operate within these sectors. The Piramal Group truly demonstrates a global footprint with its products and services being exported to over 100 countries, its international income contributing to greater than 70% of the Group's revenues and more than 15 nationalities being represented amongst its employees.

www.piramal.com To know more, visit <http://www.piramalpharmasolutions.com/>

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