



ADC Therapeutics Doses First Patient in Phase I Trial of ADCT-402 in CD-19 Positive B-cell Non-Hodgkin Lymphomas

Lausanne, Switzerland, London, UK and Murray Hill, New Jersey, US - DATE – ADC Therapeutics (ADCT), the oncology drug development company, announces that the first patient has been dosed in a Phase I trial to evaluate its antibody drug conjugate (ADC) ADCT-402 in B-cell non-Hodgkin Lymphoma (B-NHL).

The two stage, open-label trial will evaluate the tolerability, safety, pharmacokinetics and activity of ADCT-402 in patients with relapsed or refractory B-NHL. The first stage is a dose escalation phase which will recruit up to 30 patients at ten clinical sites across the US and EU and will seek to determine the recommended dose of ADCT-402 for the second stage. The second stage, which will begin once an appropriate dose is identified, aims to confirm the safety and efficacy profile at the selected dose.

ADCT-402 combines a humanized monoclonal antibody targeting the protein CD19 with a pyrrolobenzodiazepine (PBD) warhead. CD19 is a B-cell specific surface protein expressed throughout B-cell development. It is expressed on nearly all B-cell malignancies in many non-Hodgkin lymphomas. Due to its specificity, it has become an attractive target for ADC therapies. In preclinical *in vivo* models, ADCT-402 exhibited strong dose-dependent anti-tumor activity against CD19-positive leukemic and lymphoma cell lines at low single doses, and it outperformed other CD19 targeted ADCs currently in clinical development.

B-cell non-Hodgkin Lymphoma is a common type of non-Hodgkin lymphoma, a cancer of the lymphatic system. Non-Hodgkin Lymphomas overall are the 10th most common cancer in the world. In 2012, there were nearly 386,000 new cases diagnosed globally, with highest incidence rates reported in Northern America.

Dr. Jay Feingold, CMO and Senior Vice President of Clinical Development at ADC Therapeutics, said:

“Dosing the first patient in this trial with ADCT-402 is an important milestone for us and could pave the way for a better treatment regimen for patients. The trial will give us vital data on safety, tolerability, dosing and efficacy over the next two years.”

Following our preclinical studies suggesting ADCT-402 may also provide significant clinical benefit for patients suffering from lymphoblastic leukemia, we are exploring this potential further with a second study in patients with relapsed and/or refractory B-cell acute lymphoblastic leukemia now also open for patient recruitment.”

Dr. Owen O'Connor, Principal Investigator for the study and Professor of Medicine and Experimental Therapeutics, and the Director of the Center for Lymphoid Malignancies at the Herbert Irving Comprehensive Cancer Center, Columbia University Medical Center, said:

“Tremendous advances have been made in the treatment of non-Hodgkin Lymphoma in the past 20 years. However, a significant portion of the patient population still fail to respond to currently available therapies. Having seen the effects of other ADCs in various tumour types in recent years, we eagerly anticipate the results of this study.”

ADC Therapeutics currently has two PBD-based ADCs in four clinical trials, with a deep pipeline of other ADCs in preclinical development. More information regarding these trials can be found on clinicaltrials.gov.

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Notes to Editors

About ADC Therapeutics (www.adctherapeutics.com)

ADC Therapeutics SA (ADCT) is an oncology drug development company that specializes in the development of proprietary ADCs targeting major solid and hematological cancers. The Company's ADCs are highly targeted drug constructs which combine monoclonal antibodies specific to surface antigens present on particular tumor cells with a novel class of highly potent pyrrolobenzodiazepine (PBD)-based warheads developed by Spirogen (a wholly-owned subsidiary of AstraZeneca's MedImmune). The Company's ADCT-301 and ADCT-402 programs entered Phase I clinical development for lymphoma and leukemia in 2015. ADC Therapeutics has its head office in Lausanne, Switzerland, its R&D laboratories in London, UK, its clinical development team in New Jersey, USA, and its manufacturing team based in San Francisco, USA.

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