



Current Agreements

Dealdoc

Collaboration and licensing agreement for Chimeric Antigen Receptor (CAR) T cell immunotherapies

Amgen
Kite Pharma

Jan 05 2015

Collaboration and licensing agreement for Chimeric Antigen Receptor (CAR) T cell immunotherapies

Companies:	Amgen Kite Pharma
Announcement date:	Jan 05 2015
Deal value, US\$m:	1110 : sum of upfront and milestone payments

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Details

Announcement date:	Jan 05 2015
Industry sectors:	Bigbiotech Bigpharma Biotech
Exclusivity:	Exclusive
Asset type:	Compound Technology
Therapy areas:	Oncology Biological compounds
Technology types:	Discovery tools » Compound screening library Enabling technology Regenerative medicine » Cell therapy
Deal components:	Collaborative R&D Licensing
Stages of development:	Discovery Preclinical
Geographic focus:	Worldwide

Financials

Deal value, US\$m:	1110 : sum of upfront and milestone payments
Upfront, US\$m:	60 : upfront payment
Milestones, US\$m:	525 : milestone payments per Amgen program based on the successful completion of regulatory and commercialization milestones 525 : milestone payments per Kite program
Royalty rates, %:	n/d : tiered high single- to double-digit royalties for sales and the license of Kite's intellectual property for CAR T cell products n/d : tiered single-digit sales royalties
Semi-quant royalties:	High single digit Double digit
Funding, US\$m:	n/d : funding for R&D costs through IND filing

Termsheet

Amgen and Kite Pharma have entered into a strategic research collaboration and license agreement to develop and commercialize the next generation of novel Chimeric Antigen Receptor (CAR) T cell immunotherapies based on Kite's engineered autologous cell therapy (eACT) platform and Amgen's extensive array of cancer targets.

The collaboration brings together Amgen's commitment to and capabilities in advancing new approaches in immuno-oncology and Kite's industry-leading presence in CAR T cell therapy.

Under the terms of the agreement, Amgen will contribute cancer targets, and Kite will leverage its proprietary CAR platform, research and development (R&D) and manufacturing capabilities, and expertise.

Kite will be responsible for conducting all preclinical research and cell manufacturing and processing through Investigational New Drug (IND) filing.

Each company will then be responsible for clinical development and commercialization of their respective CAR therapeutic candidates, including all related expenses.

Kite will receive from Amgen an upfront payment of \$60 million, as well as funding for R&D costs through IND filing.

Kite will be eligible to receive up to \$525 million in milestone payments per Amgen program based on the successful completion of regulatory and commercialization milestones, plus tiered high single- to double-digit royalties for sales and the license of Kite's intellectual property for CAR T cell products.

Amgen is eligible to receive up to \$525 million in milestone payments per Kite program, plus tiered single-digit sales royalties.

Further terms of the agreement are not being disclosed.

Press Release

Amgen and Kite Pharma Announce Strategic Cancer Immunotherapy Collaboration to Advance the Application of Novel Chimeric Antigen Receptor (CAR) T Cell Therapies

Alliance Combines Amgen's Oncology Targets and Kite's Leading CAR T Cell Therapy Platform to Develop new Therapeutic Candidates

Kite to Receive a \$60 Million Upfront Payment From Amgen and Eligible for up to \$525 Million in Regulatory and Sales Milestone Payments per Amgen Program; Plus, Tiered High Single- to Double-Digit Royalties for Sales and License of Kite's Intellectual Property for CAR T Cell Products

Amgen Eligible to Receive up to \$525 Million in Milestone Payments per Kite Program; Plus, Tiered Single-Digit Sales Royalties

THOUSAND OAKS, Calif. and SANTA MONICA, Calif., Jan. 5, 2015 /PRNewswire/ -- Amgen (NASDAQ:AMGN) and Kite Pharma (NASDAQ:KITE) announced today that the two companies have entered into a strategic research collaboration and license agreement to develop and commercialize the next generation of novel Chimeric Antigen Receptor (CAR) T cell immunotherapies based on Kite's engineered autologous cell therapy (eACT™) platform and Amgen's extensive array of cancer targets. The collaboration brings together Amgen's commitment to and capabilities in advancing new approaches in immuno-oncology and Kite's industry-leading presence in CAR T cell therapy.

Under the terms of the agreement, Amgen will contribute cancer targets, and Kite will leverage its proprietary CAR platform, research and development (R&D) and manufacturing capabilities, and expertise. Kite will be responsible for conducting all preclinical research and cell manufacturing and processing through Investigational New Drug (IND) filing. Each company will then be responsible for clinical development and commercialization of their respective CAR therapeutic candidates, including all related expenses. Kite will receive from Amgen an upfront payment of \$60 million, as well as funding for R&D costs through IND filing. Kite will be eligible to receive up to \$525 million in milestone payments per Amgen program based on the successful completion of regulatory and commercialization milestones, plus tiered high single- to double-digit royalties for sales and the license of Kite's intellectual property for CAR T cell products. Amgen is eligible to receive up to \$525 million in milestone payments per Kite program, plus tiered single-digit sales royalties. Further terms of the agreement are not being disclosed.

"The intersection of immunology and oncology represents one of the most promising approaches to delivering significant impact for patients with cancer," said Sean E. Harper, M.D., executive vice president of Research and Development at Amgen. "With our existing immuno-oncology portfolio of cutting-edge technologies and expertise, we believe joining forces with Kite Pharma will leverage our targets and their leading CAR T cell platform to advance another new promising therapeutic approach to fight cancer."

"Amgen is an ideal partner for us, based on their strong presence in oncology and the company's broad array of cancer targets optimally suited for combining with our CAR technologies. We are proud to announce this unique collaboration and its validation of our R&D expertise, intellectual property position, and therapeutic manufacturing and processing capabilities," stated Arie Beldegrun, M.D., FACS, Kite Pharma's president and chief executive officer. "We believe that the therapeutic candidates resulting from the collaboration will have the potential to dramatically transform CAR approaches and to become some of the most powerful therapies for the treatment of cancer."

Conference Call / Webcast Information Kite Pharma will host a live conference call and webcast today at 4 p.m. ET to discuss the transaction. To access the live webcast or replay, please visit Kite Pharma's Investor Relations website at <http://ir.kitepharma.com>. Please connect to the Company's website at least 15 minutes prior to the live webcast to ensure adequate time for any software download that may be needed to access the webcast.

Alternatively, the dial-in number to access the conference call is (844) 856-8656, or from international locations dial (443) 877-4062. The conference ID number for the live call is 59012654. Telephone replay will be available approximately three hours following the call. To access the replay, please dial (855) 859-2056 (U.S.) or (404) 537-3406 (international). The conference ID number for the replay is 59012654. The telephone replay will remain available until 11:59 p.m. ET, Jan. 12, 2015.

About CAR T Immunotherapies Kite Pharma's broadly enabling eACT™ technology platform allows a patient's T cells to be genetically modified to express cancer-targeting receptors. Engineered CAR T cells contain a single chain antibody domain, which recognizes and binds to a cell surface tumor antigen, as well as intracellular T cell-activating domains. CAR T cells are designed to traffic directly to tumor sites and become activated upon engagement with the target tumor antigen, selectively eradicating the tumor cells.

About Amgen

Amgen is committed to unlocking the potential of biology for patients suffering from serious illnesses by discovering, developing, manufacturing and delivering innovative human therapeutics. This approach begins by using tools like advanced human genetics to unravel the complexities of disease and understand the fundamentals of human biology.

Amgen focuses on areas of high unmet medical need and leverages its biologics manufacturing expertise to strive for solutions that improve health outcomes and dramatically improve people's lives. A biotechnology pioneer since 1980, Amgen has grown to be one of the world's largest independent biotechnology companies, has reached millions of patients around the world and is developing a pipeline of medicines with breakaway potential.

For more information, visit www.amgen.com and follow us on www.twitter.com/amgen.

About Kite Pharma

Kite Pharma, Inc., is a clinical-stage biopharmaceutical company engaged in the development of novel cancer immunotherapy products, with a primary focus on eACT™ designed to restore the immune system's ability to recognize and eradicate tumors. In partnership with the NCI Surgery Branch through a Cooperative Research and Development Agreement (CRADA), Kite is advancing a pipeline of proprietary eACT™ product candidates, both CAR (chimeric antigen receptor) and TCR (T cell receptor) products, directed to a wide range of cancer indications. Kite is based in Santa Monica, Calif. For more information on Kite Pharma, please visit www.kitepharma.com.

Filing Data

Not available.

Contract

Not available.