

Dealdoc

Collaborative R&D, licensing and option agreement for antibody-drug conjugate (ADC) research

Genmab Seattle Genetics

Sep 14 2010

Collaborative R&D, licensing and option agreement for antibody-drug conjugate (ADC) research

Companies:

Announcement date: Deal value, US\$m:

- Details
- Financials
- <u>Termsheet</u>
- Press Release
- Filing Data
- <u>Contract</u>

Details

Announcement date:	Sep 14 2010
	Bigbiotech
Industry sectors:	Biotech
	Oncology » Leukemia
Therapy areas:	Oncology » Lymphoma
	Oncology » Solid tumors
	Antibodies » Antibody-drug conjugate
Technology types:	Enabling technology
	Small molecules
	Co-development
	Collaborative R&D
Deal components:	Development
	Licensing
	Option
	Research
Stages of development:	Preclinical
	Phase I
Deal value, US\$m:	n/d
Upfront, US\$m:	n/d : upfront payments
Milestones, US\$m:	n/d : milestone payments
	n/d : if we do not opt in to an ADC product single digit royalty payments
	on net sales
Royalty rates, %:	50 : If we opt into an ADC product at the end of phase I clinical trials, we
	and Genmab would co-develop and share all future costs and profits for
	the product
Funding, US\$m:	n/d : R&D payments

Termsheet

Financials

19 April 2011

Genmab and Seattle Genetics have entered into a second antibody-drug conjugate (ADC) research collaboration agreement.

Genmab has rights to utilize Seattle Genetics' ADC technology with HuMax-CD74, an antibody in pre-clinical development to target CD74, which is expressed on a wide range of hematological malignancies and solid tumors.

Genmab Seattle Genetics Sep 14 2010 n/d Seattle Genetics received an undisclosed upfront payment and has the right to exercise a co-development and co-commercialization option for any resulting ADC products at the end of Phase I clinical development.

Genmab is responsible for research, manufacturing, pre-clinical development and Phase I clinical evaluation of ADCs under this new collaboration.

Seattle Genetics will receive research support payments for any assistance provided to Genmab.

If Seattle Genetics opts into an ADC product at the end of Phase I, a payment would be due to Genmab and the companies would co-develop and share all future costs and profits for the product on a 50:50 basis.

If Seattle Genetics does not opt in to an ADC product, Genmab would pay Seattle Genetics fees, milestones and mid-single digit royalties on worldwide net sales of the product.

14 SEptember 2010

Genmab and Seattle Genetics have entered into an antibody-drug conjugate (ADC) research collaboration agreement.

Genmab has rights to utilize Seattle Genetics' ADC technology with its HuMax-TF antibody targeting the Tissue Factor antigen, which is expressed on numerous types of solid tumors.

Seattle Genetics received an undisclosed upfront payment and has the right to exercise a co-development option for any resulting ADC products at the end of Phase I clinical development.

Genmab is responsible for research, manufacturing, preclinical development and Phase I clinical trials of ADCs under this collaboration.

Seattle Genetics will receive research support payments for any assistance provided to Genmab.

If Seattle Genetics opts into an ADC product at the end of Phase I, the companies would co-develop and share all future costs and profits for the product on a 50:50 basis.

If Seattle Genetics does not opt in to an ADC product, Genmab would pay Seattle Genetics fees, milestones and mid-single digit royalties on worldwide net sales of the product.

In September 2010, we entered into an ADC research collaboration agreement with Genmab.

Genmab has rights to utilize our ADC technology with its HuMax-TF antibody targeting the Tissue Factor antigen, which is expressed on numerous types of solid tumors.

In April 2011, we entered into a second ADC research collaboration agreement with Genmab.

Under the second agreement, Genmab has rights to utilize our ADC technology with its HuMax-CD74 antibody targeting CD74, which is expressed on both hematological malignancies and solid tumors.

Under both agreements, we received an upfront payment and have the right to exercise a co-development option for any resulting ADC products at the end of phase I clinical development.

Genmab is responsible for research, manufacturing, preclinical development and phase I clinical trials of ADCs under the collaborations.

We receive research support payments for any assistance provided to Genmab.

If we opt into an ADC product at the end of phase I clinical trials, we and Genmab would co-develop and share all future costs and profits for the product on a 50:50 basis.

If we do not opt in to an ADC product, Genmab would pay us fees, milestones and mid-single digit royalties on worldwide net sales of the product.

Press Release

19 April 2011

Genmab and Seattle Genetics Expand Antibody-Drug Conjugate Collaboration

Collaboration expanded with new cancer target

Seattle Genetics has co-development option after Phase I

Genmab introduces HuMax-CD74 ADC to pre-clinical pipeline

COPENHAGEN, Denmark & BOTHELL, Wash., Apr 19, 2011 (BUSINESS WIRE) --

Genmab A/S (OMX:GEN) and Seattle Genetics, Inc. (NASDAQ:SGEN) announced today that the companies have entered into a second antibody-drug conjugate (ADC) research collaboration agreement. Under the new agreement, Genmab has rights to utilize Seattle Genetics' ADC technology with HuMax-CD74, an antibody in pre-clinical development to target CD74, which is expressed on a wide range of hematological malignancies and solid tumors. Seattle Genetics received an undisclosed upfront payment and has the right to exercise a co-development and co-commercialization option for any resulting ADC products at the end of Phase I clinical development.

"We are very pleased to expand our collaboration with Seattle Genetics, who have been fantastic partners, and at the same time to add a HuMax-CD74 ADC to Genmab's pre-clinical product pipeline," said Jan van de Winkel, Ph.D., Chief Executive Officer of Genmab.

Genmab is responsible for research, manufacturing, pre-clinical development and Phase I clinical evaluation of ADCs under this new collaboration. Seattle Genetics will receive research support payments for any assistance provided to Genmab. If Seattle Genetics opts into an ADC product at the end of Phase I, a payment would be due to Genmab and the companies would co-develop and share all future costs and profits for the product on a 50:50 basis. If Seattle Genetics does not opt in to an ADC product, Genmab would pay Seattle Genetics fees, milestones and mid-single digit royalties on worldwide net sales of the product.

"The expanded collaboration with Genmab provides us with another opportunity to augment our future ADC product pipeline based on data from a phase I clinical trial," said Eric L. Dobmeier, Chief Business Officer of Seattle Genetics. "We now have co-development options for four of our collaborators' ADC programs, reflecting our ability to maximize the potential of our technology through strategic collaborations with organizations that have complementary capabilities."

ADCs are monoclonal antibodies that selectively deliver potent anti-cancer agents to tumor cells. With over a decade of experience and knowledge in ADC innovation, Seattle Genetics has developed proprietary technology employing synthetic, highly potent cell-killing agents called auristatins (such as MMAE and MMAF) and stable linker systems that attach the auristatin to the antibody. Seattle Genetics' novel linker systems are designed to be stable in the bloodstream and release the potent cell-killing agent once inside targeted cancer cells. This approach is intended to spare non-targeted cells and thus reduce many of the toxic effects of traditional chemotherapy while enhancing the antitumor activity.

About Genmab A/S

Genmab is a leading international biotechnology company focused on developing fully human antibody therapeutics for the potential treatment of cancer. Genmab's world-class discovery and development teams are using cutting-edge technology to create and develop products to address unmet medical needs. Our primary goal is to improve the lives of patients who are in urgent need of new treatment options. For more information on Genmab's products and technology, visit www.genmab.com.

About Seattle Genetics

Seattle Genetics is a clinical-stage biotechnology company focused on the development and commercialization of monoclonal antibody-based therapies for the treatment of cancer and autoimmune disease. In February 2011, the company submitted a Biologics License Application to the U.S. Food and Drug Administration for its lead product candidate, brentuximab vedotin, for the treatment of relapsed or refractory Hodgkin lymphoma and relapsed or refractory systemic anaplastic large cell lymphoma. Brentuximab vedotin is being developed in collaboration with Millennium: The Takeda Oncology Company. In addition, Seattle Genetics has four other clinical-stage programs: SGN-75, ASG-5ME, dacetuzumab (SGN-40) and SGN-70. Seattle Genetics has collaborations for its ADC technology with a number of leading biotechnology and pharmaceutical companies, including Abbott, Bayer, Celldex Therapeutics, Daiichi Sankyo, Genentech, GlaxoSmithKline, Millennium, Pfizer and Progenics, as well as ADC co-development agreements with Agensys, an affiliate of Astellas, and Genmab. More information can be found at www.seattlegenetics.com.

14 September 2010

Genmab and Seattle Genetics Enter Into Antibody-Drug Conjugate Research Collaboration

Copenhagen, Denmark and Bothell, WA; September 14, 2010 – Genmab A/S (OMX: GEN) and Seattle Genetics, Inc. (Nasdaq: SGEN) announced today that the companies have entered into an antibody-drug conjugate (ADC) research collaboration agreement. Under the agreement, Genmab has rights to utilize Seattle Genetics' ADC technology with its HuMax-TF antibody targeting the Tissue Factor antigen, which is expressed on numerous types of solid tumors. Seattle Genetics received an undisclosed upfront payment and has the right to exercise a co-development option for any resulting ADC products at the end of Phase I clinical development.

"ADC technology represents the next promising wave of cancer therapeutics, combining the best characteristics of antibodies and chemotherapy into one," said Jan van de Winkel, Ph.D., Chief Executive Officer of Genmab. "We are pleased to enter this collaboration with Seattle Genetics which gives us access to this innovative technology for HuMax-TF."

Genmab is responsible for research, manufacturing, preclinical development and Phase I clinical trials of ADCs under this collaboration. Seattle Genetics will receive research support payments for any assistance provided to Genmab. If Seattle Genetics opts into an ADC product at the end of Phase I, the companies would co-develop and share all future costs and profits for the product on a 50:50 basis. If Seattle Genetics does not opt in to an ADC product, Genmab would pay Seattle Genetics fees, milestones and mid-single digit royalties on worldwide net sales of the product.

"This collaboration leverages the value of our ADC technology to provide us with a strategic option to supplement our product pipeline based on Phase I clinical data," said Eric L. Dobmeier, Chief Business Officer of Seattle Genetics. "In addition to the greater than \$130 million we have generated to date from ADC technology deals, we now have co-development options for three of our collaborators' ADC programs."

ADCs are monoclonal antibodies that selectively deliver potent anti-cancer agents to tumor cells. With over a decade of experience and knowledge in ADC innovation, Seattle Genetics has developed proprietary technology employing synthetic, highly potent cell-killing agents called auristatins (such as MMAE and MMAF) and stable linker systems that attach auristatin to the antibody. Seattle Genetics' novel linker systems are designed to be stable in the bloodstream and release the potent cell-killing agent once inside targeted cancer cells. This approach is intended to spare non-targeted cells and thus reduce many of the toxic effects of traditional chemotherapy while enhancing the antitumor activity.

About Seattle Genetics Seattle Genetics is a clinical-stage biotechnology company focused on the development and commercialization of monoclonal antibody-based therapies for the treatment of cancer and autoimmune disease. The company's lead product candidate, brentuximab vedotin (SGN-35), is in a pivotal trial under a Special Protocol Assessment with the U.S. Food and Drug Administration. Brentuximab vedotin is being developed in collaboration with Millennium: The Takeda Oncology Company. In addition, Seattle Genetics has four other clinical-stage programs: SGN-75, ASG-5ME, dacetuzumab (SGN-40) and SGN-70. Seattle Genetics has collaborations for its ADC technology with a number of leading biotechnology and pharmaceutical companies, including Bayer, Celldex Therapeutics, Daiichi Sankyo, Genentech, GlaxoSmithKline, MedImmune, a subsidiary of AstraZeneca, Millennium: The Takeda Oncology Company and Progenics, as well as an ADC co-development agreement with Agensys, an affiliate of Astellas. More information can be found at www.seattlegenetics.com.

10K abstract

In September 2010, we entered into an ADC research collaboration agreement with Genmab. Under the agreement, Genmab has rights to utilize our ADC technology with its HuMax-TF antibody targeting the Tissue Factor antigen, which is expressed on numerous types of solid tumors. In April 2011, we entered into a second ADC research collaboration agreement with Genmab. Under the second agreement, Genmab has rights to utilize our ADC technology with its HuMax-CD74 antibody targeting CD74, which is expressed on both hematological malignancies and solid tumors. Under both agreements, we received an upfront payment and have the right to exercise a co-development option for any resulting ADC products at the end of phase I clinical development. Genmab is responsible for research, manufacturing, preclinical development and phase I clinical trials of ADCs under the collaborations. We receive research support payments for any assistance provided to Genmab. If we opt into an ADC product at the end of phase I clinical trials, we and Genmab would co-develop and share all future costs and profits for the product on a 50:50 basis. If we do not opt in to an ADC product, Genmab would pay us fees, milestones and mid-single digit royalties on worldwide net sales of the product.

Filing Data

Not available.

Contract

Not available.