July 28, 2017

Genocea Biosciences to Highlight GEN-003 Clinical Data at the 42nd Annual International Herpesvirus Workshop

- Pre-Conference symposium, posters, and oral presentation will highlight GEN-003 Phase 2b clinical data -

CAMBRIDGE, Mass., July 28, 2017 (GLOBE NEWSWIRE) -- Genocea Biosciences, Inc. (NASDAQ:GNCA), a biopharmaceutical company developing novel vaccines and immunotherapies targeting T cell antigens, announced today upcoming presentations at the 42nd Annual International Herpesvirus Workshop taking place from July 29th through August 2nd in Ghent, Belgium.

Genocea scientists will be making the following presentations during the conference:

"GEN-003, a Genital Herpes Immunotherapy, Showed Significant Reduction in Viral Shedding and Lesion Rates in a Phase 2b Study Interim Analysis"

- Poster 8.25: Sunday, July 30th from 5:30 to 7 pm CEST (Poster Session I)

"GEN-003 Immunotherapy Significantly Reduced the Viral Shedding Rate in a Phase 2b Genital Herpes Clinical Trial"

- Poster 8.31: Sunday, July 30th from 5:30 to 7 pm CEST (Poster Session I)

"GEN-003, a herpes simplex virus immunotherapy, elicits significant neutralizing antibody and cellular responses in HSV-2 seropositive subjects"

- Poster 8.04: Tuesday, August 1st from 5:30 to 7 pm CEST (Poster Session II)
- Oral Presentation: Wednesday, August 2nd at 11:39 am CEST

"Reducing Variability of High-Throughput Herpes Simplex Virus Neutralization Assays by Utilizing an Assay-Ready Cell Line and Overlay Techniques"

- Pre-Conference Workshop on Saturday, July 29th
- Poster 1.22: Tuesday, August 1st from 5:30 to 7 pm CEST (Poster Session II)

About GEN-003
Inducing a T cell response against genital herpes is critical to treating the clinical symptoms of disease and controlling transmission of the infection. GEN-003 is a first-in-class investigational T cell-directed immunotherapy designed to elicit both a T cell and B cell (antibody) immune response. The immunotherapy was designed using Genocea's ATLAS™ platform, which profiles the comprehensive spectrum of actual T cell responses mounted by humans in response to disease and identifies antigen targets that drive effective T cell responses. GEN-003 includes the antigens ICP4 and gD2 along with Matrix-M™ adjuvant (licensed from Novavax, Inc. (NASDAQ:NVAX)). For more information about GEN-003, please visit the GEN-003 section of the Genocea website.

About Genital Herpes
Genital Herpes affects more than 400 million people worldwide and causes recurrent, painful genital lesions. It can be transmitted to sexual partners, even when the disease is asymptomatic. Current genital herpes therapies only partially control clinical symptoms and viral shedding, a process which drives disease transmission. Incomplete control of genital lesions and transmission risk, expense and the perceived inconvenience of taking a daily medication are hurdles for long-term disease management. Immunity through T cells is believed to be particularly critical to the control and possible prevention of genital herpes infections.

About Genocea Biosciences, Inc.
Genocea is harnessing the power of T cell immunity to develop life-changing vaccines and immunotherapies. While traditional immunotherapy discovery methods have largely used predictive methods to propose T cell targets, or antigens, Genocea has successfully developed ATLAS™, its proprietary technology platform, to identify clinically relevant antigens of T cells based on actual human immune responses. Genocea used ATLAS to identify the antigens in its lead clinical candidate, GEN-003, an investigational immunotherapy to treat genital herpes, and is currently using ATLAS in immuno-oncology applications to develop neoantigen cancer vaccines (with an IND filing expected by the end of 2017), general cancer vaccines and a vaccine targeting cancers caused by Epstein-Barr Virus. For more information, please visit www.genocea.com.

Forward-Looking Statements
Statements herein relating to future business performance, conditions or strategies and other financial and business matters, including expectations regarding clinical developments, are forward-looking statements within the meaning of the Private Securities Litigation Reform Act. Genocea cautions that these forward-looking statements are subject to numerous assumptions, risks, and uncertainties that change over time. Factors that may cause actual results to differ materially from the results discussed in the forward-looking statements or historical experience include risks and uncertainties, including Genocea's ability to progress any product candidates in preclinical or clinical trials; the ability of ATLAS to identify promising oncology vaccine and immunotherapy product candidates; the scope, rate and progress of its preclinical studies and clinical trials and other research and development activities; anticipated clinical trial results; anticipated timing for initiation of new clinical trials; current results may not be predictive of future results; even if the data from preclinical studies or clinical trials is positive, regulatory authorities may require additional studies for approval and the product may not prove to be safe and efficacious; Genocea's ability to enter into future collaborations with industry partners and the government and the terms, timing and success of any such collaboration; risks associated with the manufacture and supply of clinical and commercial product; the cost of filing, prosecuting, defending and enforcing any patent claims and other intellectual property rights; Genocea's ability to obtain rights to technology; competition for clinical resources and patient enrollment from drug candidates in development by other companies with greater resources and visibility; the rate of cash utilized by Genocea in its business and the period for which existing cash will be able to fund such operation; Genocea's ability to obtain adequate financing in the future to continue its clinical programs through product licensing, co-promotional arrangements, public or private equity or debt financing or otherwise; general business conditions; competition; business abilities and judgment of personnel; the availability of qualified personnel and other factors set forth under "Risk Factors" in Genocea's Annual Report on Form 10-K for the fiscal year ended December 31, 2016 and other filings with the Securities and Exchange Commission (the "SEC"). Further information on the factors and risks that could affect Genocea's business, financial conditions, and results of operations is contained in Genocea's filings with the SEC, which are available at www.sec.gov. These forward-looking statements speak only as of the date of this press release and Genocea assumes no duty to update forward-looking statements.

For media:

Jennifer LaVin

207-360-0473

jennifer.lavin@genocea.com

For investors:

Jonathan Poole

617-876-8191

jonathan.poole@genocea.com

Primary Logo

Source: Genocea Biosciences