



May 11, 2016

MacroGenics to Present MGD010 Clinical Data at EULAR 2016

ROCKVILLE, Maryland, May 11, 2016 (GLOBE NEWSWIRE) --

MacroGenics, Inc. (NASDAQ: MGNX), a clinical-stage biopharmaceutical company focused on discovering and developing innovative monoclonal antibody-based therapeutics for the treatment of cancer, as well as autoimmune disorders and infectious diseases, today announced that clinical data from its Phase 1a study of MGD010 will be presented at the Annual European Congress of Rheumatology (EULAR 2016), which is being held from June 8 to June 11, 2016 in London, England.

MacroGenics will present the following oral presentation:

- | **Title:** Safety, Tolerability, and Functional Activity of MGD010, a DART® Molecule Targeting CD32B and CD79B, Following a Single Dose Administration in Healthy Volunteers
- | **Date:** June 10, 2016
- | **Time:** 10:40 a.m.
- | **Location:** Room S20

About MGD010

MGD010 is a humanized DART molecule that simultaneously targets CD32B and CD79B. In preclinical studies, MGD010 was shown to modulate the function of human B cells without B-cell depletion. In normal conditions, B cells utilize CD32B as one of the key negative regulators to ensure that tolerance to self is maintained and autoimmune disease does not occur. MGD010 exploits this mechanism and triggers this inhibitory "immune checkpoint" loop for the inhibition of B-cell function, an approach that may be useful for the treatment of patients with autoimmune disorders. MacroGenics believes this molecule preferentially blocks those B cells that are activated to produce the pathogenic antibodies that promote the autoimmune process. As reported in earlier preclinical studies, MGD010 was shown to inhibit B lymphocytes from SLE (Systemic Lupus Erythematosus) patients in vitro; furthermore, MGD010 inhibits autoimmune responses in humanized mouse models. In a non-human primate study, MGD010 has demonstrated a favorable safety profile and pharmacological effect on targeted B cells in the absence of B-cell depletion.

About MacroGenics, Inc.

MacroGenics is a clinical-stage biopharmaceutical company focused on discovering and developing innovative monoclonal antibody-based therapeutics for the treatment of cancer, as well as autoimmune disorders and infectious diseases. The company generates its pipeline of product candidates primarily from its proprietary suite of next-generation antibody-based technology platforms. The combination of MacroGenics' technology platforms and protein engineering expertise has allowed the Company to generate promising product candidates and enter into several strategic collaborations with global pharmaceutical and biotechnology companies. For more information, please see the Company's website at www.macrogenics.com. DART, MacroGenics and the MacroGenics logo are trademarks or registered trademarks of MacroGenics, Inc.

Cautionary Note on Forward-Looking Statements

Any statements in this press release about future expectations, plans and prospects for the Company, including statements about the Company's strategy, future operations, clinical development of the Company's therapeutic candidates, milestone or opt-in payments from the Company's collaborators, the Company's anticipated milestones and future expectations and plans and prospects for the Company and other statements containing the words "subject to", "believe", "anticipate", "plan", "expect", "intend", "estimate", "project", "may", "will", "should", "would", "could", "can", the negatives thereof, variations thereon and similar expressions, or by discussions of strategy constitute forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including: the uncertainties inherent in the initiation and enrollment of future clinical trials, expectations of expanding ongoing clinical trials, availability and timing of data from ongoing clinical trials, expectations for regulatory approvals, other matters that could

affect the availability or commercial potential of the Company's product candidates and other risks described in the Company's filings with the Securities and Exchange Commission. In addition, the forward-looking statements included in this press release represent the Company's views only as of the date hereof. The Company anticipates that subsequent events and developments will cause the Company's views to change. However, while the Company may elect to update these forward-looking statements at some point in the future, the Company specifically disclaims any obligation to do so, except as may be required by law. These forward-looking statements should not be relied upon as representing the Company's views as of any date subsequent to the date hereof.

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