

FOR IMMEDIATE RELEASE

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EMERGENT BIOSOLUTIONS PRESENTS EFFICACY DATA ON ES210; A BISPECIFIC ADAPTIR MOLECULE FOR TREATING AUTOIMMUNE DISEASES

ROCKVILLE, MD, April 11, 2013—Emergent BioSolutions Inc. (NYSE: EBS) announced today that it has presented data on ES210, one of its bispecific ADAPTIR™ (Modular Protein Technology) molecules, that is targeting autoimmune disease at Keystone Symposia's Advances in the Knowledge and Treatment of Autoimmunity in Whistler, British Columbia, Canada.

The ES210 molecule was engineered using Emergent's ADAPTIR technology platform and contains binding sites specific for CD86 coupled to a monomeric form of IL-10 known to confer immunosuppressive activity.

The poster, entitled "A Bispecific ADAPTIR™ Molecule That Targets CD86 and Delivers IL-10 Inhibits Antigen Presenting Cells and Has Potential as a Therapeutic Treatment of Autoimmune Disease," presented pre-clinical data showing that ES210 displays high levels of *in vitro* and *in vivo* potency in blocking T-cell proliferation in human mixed lymphocyte reactions and in a humanized graft-versus-host disease model. Dendritic cells play a central role in the generation and regulation of immunity; therefore, targeting dendritic cell function represents a therapeutic opportunity to suppress immunopathological processes in autoimmune disease.

"Emergent is investigating an ADAPTIR molecule that targets and blocks the co-stimulatory receptor CD86, while delivering the immunosuppressive cytokine IL-10 to CD86-expressing antigen presenting cells," said Jane Gross, Ph.D., vice president of applied research at Emergent BioSolutions. "We are pleased to present the study results, which show the ADAPTIR molecule as having potential applications in the treatment of transplant rejection as well as autoimmune and inflammatory diseases such as Crohn's disease, ulcerative colitis, and rheumatoid arthritis."

About the ADAPTIR™ Platform

ADAPTIR bispecific proteins are modular, single chain polypeptides that comprise two separate binding domains (VL and VH), a hinge segment, and an effector domain (huFc). They have a differentiated structure from monoclonal antibodies and can generate a unique signaling response. In addition, ADAPTIR proteins may mediate complement dependent cytotoxicity and Fc dependent cytotoxicity, similar to monoclonal antibodies.

ADAPTIR is the new trademark for Emergent BioSolutions Inc.'s modular protein technologies that were previously identified using the SCORPION™ (multispecific protein therapeutic) and SMIP™

(monospecific protein therapeutic) trademarks. ADAPTIR and any and all Emergent BioSolutions Inc. brand, product, service and feature names, logos and slogans are trademarks or registered trademarks of Emergent BioSolutions Inc. or its subsidiaries in the United States or other countries. All rights reserved.

About Emergent BioSolutions

Emergent BioSolutions is a specialty pharmaceutical company seeking to protect and enhance life by offering specialized products to healthcare providers and governments to address medical needs and emerging health threats. Additional information may be found at www.emergentbiosolutions.com. Follow us on twitter: [@emergentbiosolu](https://twitter.com/emergentbiosolu).

Safe Harbor Statement

This press release includes forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Any statements, other than statements of historical fact, are forward-looking statements. Forward-looking statements in this press release include statements about the potential and therapeutic opportunity of the ADAPTIR molecule. These forward-looking statements are based on our current intentions, beliefs and expectations regarding future events. We cannot guarantee that any forward-looking statement will be accurate. Investors should realize that if underlying assumptions prove inaccurate or unknown risks or uncertainties materialize, actual results could differ materially from our expectations. Investors are, therefore, cautioned not to place undue reliance on any forward-looking statement. Any forward-looking statement speaks only as of the date of this press release, and, except as required by law, we do not undertake to update any forward-looking statement to reflect new information, events or circumstances.

There are a number of important factors that could cause the company's actual results to differ materially from those indicated by such forward-looking statements, including the success of our ongoing and planned preclinical studies and clinical trials; the rate and degree of market acceptance and clinical utility of our products; the timing of and our ability to obtain and maintain regulatory approvals for our product candidates; and our commercialization, marketing and manufacturing capabilities and strategy. The foregoing sets forth many, but not all, of the factors that could cause actual results to differ from our expectations in any forward-looking statement. Investors should consider this cautionary statement, as well as the risk factors identified in our periodic reports filed with the SEC, when evaluating our forward-looking statements.

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