



**Bolt Biotherapeutics Presents Preclinical Data Showing Eradication of Large Resistant Tumors  
with ISAC Monotherapy at SITC 2019**

- Data support forthcoming clinical trial to begin in early 2020 -

**REDWOOD CITY, CA, November 9, 2019** – Bolt Biotherapeutics, Inc., a private biotechnology company focused on using its Immune-Stimulating Antibody Conjugate (ISAC) platform technology to unleash the power of the immune system to treat cancer, today reported new preclinical data demonstrating profound antitumor efficacy for its lead HER2 ISAC therapeutic program, when administered as a monotherapy, resulting in the complete eradication of large tumors. The poster presentation entitled “HER2-targeting TLR7/8 immune-stimulating antibody conjugates elicit robust myeloid activation and anti-tumor immune responses in a TLR- and FcR- dependent manner” was presented at the 34<sup>th</sup> Annual Meeting of the Society for Immunotherapy of Cancer (SITC) in National Harbor, Maryland.

“These exciting preclinical data provide a strong rationale for moving our ISAC cancer immunotherapy platform into clinical testing and I’m pleased to report that we expect to initiate our first clinical trial for our HER2 monotherapy in early 2020,” stated Randall Schatzman, Ph.D., chief executive officer of Bolt. “While much progress has been made in cancer immunotherapy, there still remains a significant need for single-agent therapies that can impact well-established tumors and provide durable efficacy in tumors that are refractory to standard of care therapies. Our proprietary Boltbody™ ISACs embody all of these components, and we are highly optimistic about the future of this platform to impact cancer.”

“We believe such profound antitumor activity is unprecedented, including complete tumor eradication in large tumors, with an immunotherapeutic systemically administered as a monotherapy,” stated David Dornan, Ph.D., senior vice president of research at Bolt Biotherapeutics. “Our data define the details of the mechanism of action by which our Boltbody™ technology is able to eliminate these hard to treat solid tumors, while generating immunological memory to suppress recurrence.”

In the series of studies presented at SITC, key preclinical data show:

- ISAC antitumor activity requires tumor target expression, interaction with Fc gamma receptors on immune cells, and TLR7/8 engagement
- Single-agent anti-HER2 ISAC treatment led to *in vivo* tumor regression and clearance in models with large tumor burden and are resistant to anti-HER2 naked antibody treatment
- Immunological memory was achieved as measured by protection from subsequent tumor growth. In syngeneic tumor models in which anti-HER2 ISAC treatment led to tumor clearance, hosts that were re-challenged with the parental tumor cell line lacking HER2 antigen expression were resistant to tumor growth. This protection was mediated by T cells as evidenced by the ability to re-establish tumors after the deletion of CD4 and CD8 T cells.

### **About Bolt Biotherapeutics' Immune-Stimulating Antibody Conjugate (ISAC) Platform Technology**

The Boltbody™ platform consists of Immune-Stimulating Antibody Conjugates (ISAC) that harness the ability of innate immune agonists to convert cold tumors into immunologically hot tumors thereby illuminating tumors to the immune system and allowing them to be invaded by tumor killing cells. Boltbody™ ISACs have demonstrated the ability to eliminate tumors following systemic administration in preclinical models and have also led to the development of immunological memory, which is predicted to translate into more durable clinical responses for patients.

### **About Bolt Biotherapeutics, Inc.**

Bolt Biotherapeutics, based in the San Francisco Bay Area, is a private biotechnology company developing Boltbody™ Immune-stimulating Antibody Conjugates (ISACs), a new class of immuno-oncology therapeutics that have eliminated tumors following systemic administration in preclinical studies and results in the development of immunological memory, which may lead to more durable clinical responses for patients. Bolt's platform technology is applicable to a broad spectrum of antibodies targeting tumor antigens expressed on all types of cancer, including patients who are refractory to the current generation of checkpoint inhibitors. The company was founded by Dr. Ed Engleman, and its platform is based on technology exclusively licensed from Stanford University. The company is financed by world-class investors including Novo Holdings, Pivotal bioVenture Partners, Vivo Capital and Nan Fung Life Sciences. For more information about Bolt Biotherapeutics, please visit [www.boltbio.com](http://www.boltbio.com).

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