



## Magenta Therapeutics Named Co-Recipient of Grant from the National Institutes of Health to Explore Use of Novel Targeted Conditioning Agents with Gene Editing Approaches to Cure HIV

September 2, 2020

- NIH grant funds an interdisciplinary effort among researchers from University of Southern California; University of Washington and Fred Hutchinson Cancer Research Center; Harvard University and Massachusetts General Hospital; the Ragon Institute; and Magenta Therapeutics –
- Magenta will utilize its tool CD45 and CD117 antibody-drug conjugate (ADC) conditioning agents, as well as its stem cell biology platform to identify the optimal strategy for curative immune system transplant in patients with HIV –

CAMBRIDGE, Mass.--(BUSINESS WIRE)--Sep. 2, 2020-- [Magenta Therapeutics](#) (Nasdaq: MGTA), a clinical-stage biotechnology company developing novel medicines to bring the curative power of immune reset to more patients, today announced it is part of a multi-project, broad-based research effort awarded a five-year, \$14.6 million U19 grant from the National Institutes of Health (NIH) to explore gene- and cell-based approaches to advance research into curing HIV.

This cross-institutional research program brings together leaders in the fields of gene editing, HIV and stem cell transplant. The team, which includes researchers from the University of Southern California, the University of Washington, the Fred Hutchinson Cancer Research Center, Harvard University, Massachusetts General Hospital; the Ragon Institute and Magenta Therapeutics, will explore novel hematopoietic stem and progenitor cell (HSPC) engineering and transplantation approaches aimed at achieving complete remission of HIV-1 infection.

"We are excited to collaborate with our colleagues in this important multi-institution research team to help advance gene editing approaches with our novel targeted antibody drug conjugate (ADC) conditioning platform to one day be able to cure patients living with HIV," said John Davis Jr., M.D., M.P.H., M.S., Head of Research & Development and Chief Medical Officer, Magenta. "These studies leverage our proprietary stem cell biology pipeline and ADC platform to provide important insights into which conditioning strategy is best suited to aim for HIV."

Magenta will utilize its conditioning technology to optimize cell dose in animal models and determine whether targeted conditioning and gene-modified HSPC transplant enables disease control.

### About Magenta Therapeutics

Magenta Therapeutics is a clinical-stage biotechnology company developing medicines to bring the curative power of immune system reset through stem cell transplant to more patients with autoimmune diseases, genetic diseases and blood cancers. Magenta is combining leadership in stem cell biology and biotherapeutics development with clinical and regulatory expertise, a unique business model and broad networks in the stem cell transplant world to revolutionize immune reset for more patients.

Magenta is based in Cambridge, Mass. For more information, please visit [www.magentatx.com](http://www.magentatx.com).

Follow Magenta on Twitter: @magentatx.

### Forward-Looking Statement

This press release may contain forward-looking statements and information within the meaning of The Private Securities Litigation Reform Act of 1995 and other federal securities laws. The use of words such as "may," "will," "could," "should," "expects," "intends," "plans," "anticipates," "believes," "estimates," "predicts," "projects," "seeks," "endeavor," "potential," "continue" or the negative of such words or other similar expressions can be used to identify forward-looking statements. The express or implied forward-looking statements included in this press release are only predictions and are subject to a number of risks, uncertainties and assumptions, including, without limitation risks set forth under the caption "Risk Factors" in Magenta's Annual Report on Form 10-K filed on March 3, 2020, as updated by Magenta's most recent Quarterly Report on Form 10-Q and its other filings with the Securities and Exchange Commission. In light of these risks, uncertainties and assumptions, the forward-looking events and circumstances discussed in this press release may not occur and actual results could differ materially and adversely from those anticipated or implied in the forward-looking statements. You should not rely upon forward-looking statements as predictions of future events. Although Magenta believes that the expectations reflected in the forward-looking statements are reasonable, it cannot guarantee that the future results, levels of activity, performance or events and circumstances reflected in the forward-looking statements will be achieved or occur. Moreover, except as required by law, neither Magenta nor any other person assumes responsibility for the accuracy and completeness of the forward-looking statements included in this press release. Any forward-looking statement included in this press release speaks only as of the date on which it was made. We undertake no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events or otherwise, except as required by law.

View source version on [businesswire.com](https://www.businesswire.com/news/home/20200902005248/en/): <https://www.businesswire.com/news/home/20200902005248/en/>

### Magenta Therapeutics:

Lyndsey Scull, Director, Corporate Communications  
202-213-7086  
[lscull@magentatx.com](mailto:lscull@magentatx.com)

Dan Budwick  
1AB  
[dan@1abmedia.com](mailto:dan@1abmedia.com)

