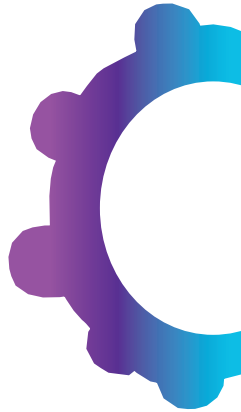
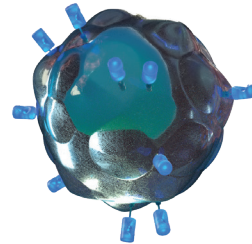
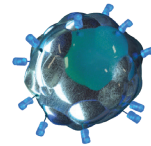


# Welcome to the new Domain





D-Domain  
~8 kDa, triple  
alpha-helical bundle<sup>1,2</sup>

The D-Domain is a small, compact, and stable protein, approximately one-third of the size of binding domains used in conventional chimeric antigen receptors (CARs).<sup>1-3</sup>

CAR T cell expressing  
D-Domains (ddCAR)



## The D-Domain is a new type of antigen-binding scaffold for CAR T cells with several unique attributes<sup>1</sup>



The D-Domain vector may have high transduction efficiency.<sup>1,2</sup>



The D-Domain is highly expressed on the surface of CAR T cells. In preclinical studies, high CAR surface expression could enhance T-cell avidity.<sup>1,4,5</sup>



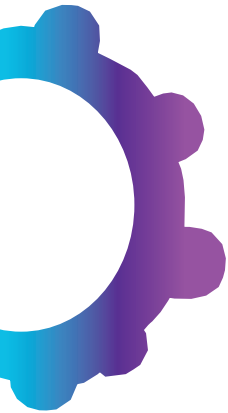
The D-Domain has a low propensity to aggregate. Preclinical studies have shown that aggregation of CARs can lead to tonic signaling in the absence of binding to a target cell.<sup>6-9</sup>



Anitocabtagene autoleucel (CART-ddBCMA) is being developed by Arcellx and Kite, a Gilead Company.

Learn more about the latest phase I clinical trial results of anitocabtagene autoleucel by scanning the QR code.





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