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Adagene collaborates with NIH to discover novel CAR-T

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Adagene, Inc., an innovative antibody discovery and engineering company, announced collaboration with Dr. Richard Childs, Chief of the Laboratory of Transplantation Immunotherapy at the National, Heart, Lung, and Blood Institute, part of the National Institutes of Health, to discover antibodies targeting a novel antigen expressed on the surface of tumor cells.

Dr. Childs's laboratory will convert these antibodies into a CAR-T, as they work to develop a non-major histocompatibility complex (MHC) restricted the immunotherapy approach to targeting an endogenous retrovirus with tumor-restricted expression.

"We are very pleased to be collaborating with such an expert in the field of clinical cancer biology," said Peter Luo, CEO of Adagene. "At Adagene, our goal is to translate innovation and scientific research into life-saving medications. It is incredibly rewarding to have the opportunity to leverage our proprietary Dynamic Precision Library to develop antibodies against a disease with such highly unmet medical need."

"Adagene has gone to great lengths to develop our leading antigen display technology," said Felix Du, Head of Technology Development at Adagene. "With our unique combination of antigen presentation technologies and having a very large, diverse and fully human antibody discovery library we were able to find the first antibodies targeting non-MHC restricted surface-expressed antigens against this class of challenging cancer targets."