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Efficient targeted gene modification in primary human hematopoietic cells using co-delivery of nuclease mRNA and AAV donors

Seattle, CGT4HIV 2015

Program for Cell and Gene Therapy

G. S. Romano Ibarra

Summary for Community

- We've developed an approach that allows us to take patient T cells and engineer them so that they resist dominant strains of HIV and acquire desirable characteristics to help fight HIV.
- Modification of T cells using this approach is directly translatable to a range of therapeutic applications to combat HIV or HIV-associated clinical complications.