

Engineering a Cure: Updates in CAR-T and Gene Therapy



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WHEN: Thursday, October 8, 2026 from 1:00 pm –2:00 pm

WHERE: St. Jude Children's Research Hospital

Pinkel Research Tower (PRT) E-1004

and WebEx [via this link](#)

Activity Type: Knowledge (1 hour / 0.1 CEU)

Target Audience: Pharmacists

Learning Objectives (both audiences):

At the end of this session, attendees will be able to:

1. Compare and contrast CAR-T therapy to gene therapy
2. Describe the updates in CAR-T associated hyperinflammatory adverse events
3. Explain the utility of busulfan targeting for gene therapy conditioning, and the risks associated with over and under exposure to busulfan
4. Describe the why over exposure of busulfan is a particular concern in patients with Sickle Cell Disease



The St. Jude Children's Research Hospital Department of Pharmacy and Pharmaceutical Sciences is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. All activities are offered at no cost to participants and without external financial support. The program number for this activity is **0181-0000-26-036-L01-P**. There is no charge to program participants. Pharmacy continuing education credit will be available to all participants who attend and complete a post-program test & evaluation. Credits will be uploaded and viewable on-line at nabp.pharmacy within approximately two weeks following the date of the presentation.

For more information, please see the St. Jude Pharmacy Education program (pharmedu@stjude.org).

System requirements: [Webex](#) / [Teams](#) / [Google Chrome](#) / [Microsoft Edge](#)