

## SCCR Science Series

# An Overview of Pediatric Leukemia And GD2 Chimeric Antigen Receptor T-cell Therapy

**Wednesday, May 10<sup>th</sup>, 2023**  
**9:00-11:00 am** [Zoom Meeting](#)

Click [HERE](#) to Register!

The mission of the Stanford Center for Clinical Research (SCCR) includes offering educational resources, training, and support for investigators and research staff. We have invited two clinical research Nurse Practitioners from Cancer Clinical Trial Office, **Corinna Louise Delucia**, MSN, PNP, RN, CPHON, and **Christina Baggott**, PhD, PPCNP, RN, CPON, to provide you with a brief overview of the main and common pediatric leukemia, for the 1<sup>st</sup> hour of the class; then summarize the development and implementation of a novel Phase I trial using Chimeric Antigen Receptor T-cell Therapy for patients with Diffuse Midline Gliomas, during the 2<sup>nd</sup> hour of the class.

At the conclusion of this class, you will be able to:

- Discuss the classification, incidence, and risk factors of the main pediatric leukemias
- Discuss in detail Acute Lymphoblastic Leukemia (ALL) including presentation, diagnostic workup, risk evaluation, and treatment
- Review the frontline study for ALL open at Stanford
- Review the rationale for using GD2 CAR-T for patients with DIPG and other midline gliomas.
- Describe methods to administer GD2 CAR-T therapy.
- Identify common toxicities experienced by patients who receive GD2 CAR-T therapy.
- Review methods to ameliorate toxicities experienced by patients who receive GD2 CAR-T therapy.

*Attendance is open to all research staff*

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## About the Instructors:

**Corinna Louise DeLucia**, MSN, PNP, RN, CPHON, is a Pediatric Nurse Practitioner with almost 10 years of experience in pediatric hematology and oncology. She completed her first undergraduate degree at Cornell University where she majored in Biological Sciences and minored in Business. She then went to The University of Rochester where she obtained her bachelor's and master's degrees in nursing. She has worked in a variety of roles within pediatric oncology which has provided her a diverse understanding of the many facets of health care. She has worked as a bedside nurse, travel nurse, nurse manager, inpatient nurse practitioner, outpatient nurse practitioner, and currently as a research nurse practitioner. Most of her more recent experience has focused specifically on patients with liquid tumors. She currently supports 3 studies opened at Stanford which focus on patients with leukemia (ALL and AML) as well as Classical Hodgkin's Lymphoma. She has been helping to teach the newest pediatric oncology nurses about pediatric oncology and chemotherapy for the past 3.5 years as an instructor for the APHON chemotherapy provider course.

**Christina Baggott (Tina)**, PhD, PPCNP, RN, CPON, is a Clinical Research Nurse Practitioner in the Cancer Clinical Trials Office at Stanford University. She received her Undergraduate Degree from the University of Alabama; her Master's Degree from Emory University; and her Doctoral degree from the University of California, San Francisco. Currently Dr. Baggott helps manage clinical trials for patients who are receiving Chimeric Antigen Receptor T-cell (CART) therapy. Her program of research is focused on an evaluation of the symptom experience of children receiving treatment for cancer. Aspects of this program of research include the assessment of changes in symptom occurrence, severity, and distress across the child's treatment trajectory, potential genetic influences on symptom severity, the impact of symptoms on patient outcomes (e.g., functional status, quality of life), and parents' perceptions of children's symptoms. An additional focus of her research is the use of technology to develop and evaluate tools on mobile platforms to assess and manage cancer-related symptoms (mHealth).

## BRN OPTIONAL

Spectrum is an approved provider by the California Board of Registered Nursing, Provider Number CEP15435 for 2 contact hour(s).

To receive your certificate with BRN credit, you are required to complete an evaluation at the conclusion of this class.

BRN Cancellation Policy: If you wish to cancel your registration, please contact Susan Saba at [ssaba@stanford.edu](mailto:ssaba@stanford.edu).