



Speaker Series

Guest Speaker

“Engineering CAR T Cells for Pediatric Neuromalignancies”



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Chimeric Antigen Receptor (CAR) T cell therapies have revolutionized the treatment of hematologic malignancies. However, their application to solid tumors has met with limited success. We have documented impressive clinical responses in our ongoing trial using IL13R α 2-targeted CAR T cells to treat patients with glioblastoma, but these results have been inconsistent. We and others have also noted that 2nd-generation CAR constructs incorporating distinct costimulatory domains drive diverse functional and clinical outcomes. To improve solid tumor targeted CAR T cell function, we use protein-focused techniques to profile various 2nd-generation CAR T cells after antigen stimulation. Identification of activated protein pathways responsible for persistence and potency will permit the engineering of improved cellular therapies for pediatric solid tumors.

Monday, March 4, 2019

11:00am – 12:00pm

Gonda Building 1st Floor Conference Room, 1357

Light snack will be provided

To meet with Dr. Leo D. Wang, please contact:
Dr. Jessica Li, jli@stat.ucla.edu

To receive seminar notices, contact Charina McDonald (cmcdonald@mednet.ucla.edu)
Upcoming speakers, <https://medschool.ucla.edu/human-genetics/seminar-series>