

“ **Targeting Circuits in the Tumor Microenvironment** ”



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About this seminar: This seminar will cover the core principles underlying precision oncology including collateral lethality and synthetic essentiality, which expand the repertoire of genetic targets in cancer and illuminate a clear responder hypothesis. This presentation also covers how specific driver mutations in cancer cells shape host cell profiles of the tumor microenvironment including immune cells. These immune cells, not only suppress anti-tumor immunity, but provide growth factor signals that can reprogram cancer cell metabolism and provide resistance mechanisms for drugs targeting driver oncogenes in cancer cells. Together, these studies reveal essential symbiotic cancer-host cells interactions in the tumor microenvironment central to tumor growth, progression and maintenance.

MAY 5 • 4:00 PM CST



VIRTUAL

<https://tinyurl.com/y5rd2uut>
Meeting ID: 951 0349 9512
Password: 2020



IN-PERSON

BCM Main Campus
DeBakey Building
Auditorium M112

Refreshments provided.