

## Micro 204 – Tumor Immunology – Flip Session

Class will break up into two teams.

Team #1 Checkpoint inhibitors and immune stimulators – select and defend your favorite combo. Consider efficacy versus toxicity.

PD-1 + X

CTLA-4 + X

LAG3

TIM-3

TIGIT

VISTA

B7-H3

KIR

A2aR

TGFb

IDO

NKG2A

BTLA

CD47

OX40

CpG

GITR

ICOS

4-1BB

CD27

CD40

IL-2

IL-15

IL-10

NKG2D

Vaccines

Team #2 – Design a CAR T cell that will be effective against solid tumors – discuss the issues and potential solutions as to date CAR T cells have not worked in solid tumor patients