

WHAT DOES IT MEAN TO BE IMMUNOCOMPETENT? EXAMPLES FROM CANCER, TRANSPLANTATION, AND INFECTION



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Wednesday, November 18, 2020

12-1 p.m.

Registration Required
To register for this webinar

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Talk Summary

There is no consensus on the metrics that define a healthy immune system in humans. Our lab uses CyTOF mass cytometry to measure immune cell subsets and functions, and correlates these with clinical outcomes. In melanoma, we find memory T cell subsets that appear to predict response to CTLA-4, but not PD-1 inhibitors. In organ transplantation, we see cell types and functions that vary over time and in comparison to healthy controls. And in COVID-19, we find progressive suppression of specific cell types and functions with increasing disease severity. Such studies can help define the boundaries of healthy immune function.

Hosted By Shahab Asgharzadeh, MD

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