



Erika Pearce, Ph.D.

Titles & Department

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Specialization Areas

Development of therapeutics against metabolic pathways in immune cells

[Metabolic Competition in the Tumor Microenvironment Is a Driver of Cancer Progression](#)

Summary of Research & Work

Metabolic changes associated with immune activation, memory, and cancer evasion.

Publications

- [Phosphoinositide acyl chain saturation drives CD8+ effector T cell signaling and function](#)
- [Intracellular infection and immune system cues rewire adipocytes to acquire immune function](#)
- [Multilayer omics analysis reveals a non-classical retinoic acid signaling axis that regulates hematopoietic stem cell identity](#)