Stanford



Meelad Amouzgar

Postdoctoral Scholar, Immunology and Rheumatology

Bio

BIO

Postdoctoral Fellow in the Roth and Good labs at Stanford University designing multi-omic, lab-in-the-loop AI frameworks that bridge clinical outcome information with perturbation screens for genetic optimization of CAR-T cells for lymphoma and TIL therapy for advanced, unresectable, checkpoint-refractory melanoma.

STANFORD ADVISORS

- Theodore Roth, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **APOE4 Drives Uniquely Dysfunctional Human Microglial States in Alzheimer's Disease.** *bioRxiv : the preprint server for biology*
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- **Cell Cycle Sensing Shapes Human T Cell Fate and Exhaustion Programs.** *bioRxiv : the preprint server for biology*
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- **Immunophenotypic profiling reveals novel T cell subset associated with "tolerance" in pediatric transplant recipients**
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- **High-dimensional profiling of pediatric immune responses to solid organ transplantation.** *Cell reports. Medicine*
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- **Spatial proteomics reveals human microglial states shaped by anatomy and neuropathology.** *Research square*
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