Stanford



Giulia Notarangelo

Postdoctoral Scholar, Genetics

Bio

PROFESSIONAL EDUCATION

- PhD, Harvard Medical School , Biological and Biomedical Sciences (2022)
- BA, Mount Holyoke College , Biological Sciences (2014)

STANFORD ADVISORS

- Anne Brunet, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Targeting immune cells in the aged brain reveals that engineered cytokine IL-10 enhances neurogenesis and improves cognition.** *Immunity*
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- **Metabolic modulation of mitochondrial mass during CD4+ T cell activation.** *Cell chemical biology*
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- **Oncometabolite d-2HG alters T cell metabolism to impair CD8+ T cell function.** *Science (New York, N.Y.)*
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- **Tumor cells dictate anti-tumor immune responses by altering pyruvate utilization and succinate signaling in CD8+ T cells.** *Cell metabolism*
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- **Defective glycosylation and multisystem abnormalities characterize the primary immunodeficiency XMEN disease.** *The Journal of clinical investigation*

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- **Sweet Temptation: From Sugar Metabolism to Gene Regulation.** *Immunity*

  Notarangelo, G., Haigis, M. C.

  2019; 51 (6): 980-981

- **Mitochondrial Reprogramming Underlies Resistance to BCL-2 Inhibition in Lymphoid Malignancies.** *Cancer cell*

  Guièze, R., Liu, V. M., Rosebrock, D., Jourdain, A. A., Hernández-Sánchez, M., Martinez Zurita, A., Sun, J., Ten Hacken, E., Baranowski, K., Thompson, P. A., Heo, J. M., Cartun, Z., Aygün, et al

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- **T Cell Activation Depends on Extracellular Alanine.** *Cell reports*

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- **Magnesium transporter 1 (MAGT1) deficiency causes selective defects in N-linked glycosylation and expression of immune-response genes.** *The Journal of biological chemistry*

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- **Defective respiration and one-carbon metabolism contribute to impaired naïve T cell activation in aged mice.** *Proceedings of the National Academy of Sciences of the United States of America*

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