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Email

coheni@mskcc.org

Dissertation

[Tumor glycolysis is a mechanism of immune exclusion in solid tumors \(2019\)](#)

Mentor

Ronald G. Blasberg

Start Year

2013

End Year

2019

Education

BA/MA, Hunter College

I have always been interested in cancer research, and Memorial Sloan Kettering is one of the top cancer centers in the world. For me, deciding on a graduate school was easy. I knew the research environment at Gerstner Sloan Kettering would provide me with the best opportunity to do truly meaningful cancer research. I'm interested in both translational cancer research and microscopic imaging. Luckily, my current project combines both of these passions to allow me to better understand the role of immune cells in fighting aggressive breast cancer. When I'm not in the lab, I like to play soccer on the public fields in New York City. People from all over the world meet up there and play for hours.

Publications

[Zappasodi R, Serganova I, Cohen IJ, Maeda M, Shindo M, Senbabaoglu Y, Watson MJ, Leftin A, Maniyar R, Verma S, Lubin M, Ko M, Mane MM, Zhong H, Liu C, Ghosh A, Abu-Akeel M, Ackerstaff E, Koutcher JA, Ho PC, Delgoffe GM, Blasberg R, Wolchok JD, Merghoub T. \(2021\) CTLA-4 blockade drives loss of T_{reg} stability in glycolysis-low tumours. *Nature* \[Online ahead of print\]](#)

[Mane MM, Cohen IJ, Ackerstaff E, Shalaby K, Ijoma JN, Ko M, Maeda M, Albeg AS, Vemuri K, Satagopan J, Moroz A, Zurita J, Shenker L, Shindo M, Nickles T, Nikolov E, Moroz MA, Koutcher JA, Serganova I, Ponomarev V, Blasberg RG.\(2020\) Lactate Dehydrogenase A Depletion Alters MyC-CaP Tumor Metabolism, Microenvironment, and CAR T Cell Therapy. *Mol Ther Oncolytics* 18 382-395.](#)

[Serganova I, Cohen IJ, Vemuri K, Shindo M, Maeda M, Mane M, Moroz E, Khanin R, Satagopan J, Koutcher JA, Blasberg R. \(2018\) LDH-A regulates the tumor microenvironment via HIF-signaling and modulates the immune response. *PLoS One* 13, e0203965.](#)

[Cohen I, Blasberg R. \(2017\) Impact of the Tumor Microenvironment on Tumor-Infiltrating Lymphocytes: Focus on Breast Cancer. *Breast Cancer \(Auckl\)* 11. PMID: PMC5617083](#)

[Serganova I, Moroz E, Cohen I, Moroz M, Mane M, Zurita J, Shenker L, Ponomarev V, Blasberg R. \(2016\) Enhancement of PSMA-Directed CAR Adoptive Immunotherapy by PD-1/PD-L1 Blockade. *Mol Ther Oncolytics*. 14 41-54. PMID: PMC5363727](#)

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