

Stanford

Lauren Higdon

Postdoctoral Research Fellow, Nephrology

Bio

PROFESSIONAL EDUCATION

- Bachelor of Science, Stanford University , BIO-BSH (2009)
- Bachelor of Science, Stanford University , HSTRY-MIN (2009)
- Doctor of Philosophy, University of Washington (2014)

STANFORD ADVISORS

- Jonathan Maltzman, Postdoctoral Research Mentor
- Jonathan Maltzman, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Single cell immune profiling in transplantation research** *AMERICAN JOURNAL OF TRANSPLANTATION*
Higdon, L. E., Schaffert, S., Khatri, P., Maltzman, J. S.
2019; 19 (5): 1278–87
- **Optimization of single-cell plate sorting for high throughput sequencing applications** *JOURNAL OF IMMUNOLOGICAL METHODS*
Higdon, L. E., Cain, C. J., Colden, M. A., Maltzman, J. S.
2019; 466: 17–23
- **The outstanding questions in transplantation: It's about time...** *AMERICAN JOURNAL OF TRANSPLANTATION*
Azzi, J., Raimondi, G., Mas, V., Riella, L. V., Elfadawy, N., Safa, K., Wojciechowski, D., Kanak, M., Nog, R., Maltzman, J. S., Ford, M. L., Pober, J. S., Luo, et al
2018; 18 (1): 271–72
- **Expanding the Toolkit for the Study of Allospecific B and T Cell Responses** *TRANSPLANTATION*
Higdon, L. E., Maltzman, J. S.
2017; 101 (11): 2661–62
- **T cells expand after solid organ transplantation in the absence of CMV disease.** *American journal of transplantation*
Higdon, L. E., Trofe-Clark, J., Liu, S., Margulies, K. B., Sahoo, M. K., Blumberg, E., Pinsky, B. A., Maltzman, J. S.
2017
- **Virtual Global Transplant Laboratory Standard Operating Procedures for Blood Collection, PBMC Isolation, and Storage.** *Transplantation direct*
Higdon, L. E., Lee, K., Tang, Q., Maltzman, J. S.
2016; 2 (9)
- **Caught Off Center: Rethinking the Requirements for Antibody Affinity Maturation** *IMMUNITY*
Higdon, L. E., Cancro, M. P.
2015; 43 (1): 5-6
- **ICOS and Bcl6-dependent pathways maintain a CD4 T cell population with memory-like properties during tuberculosis** *JOURNAL OF EXPERIMENTAL MEDICINE*
Moguche, A. O., Shafiani, S., Clemons, C., Larson, R. P., Dinh, C., Higdon, L. E., Cambier, C. J., Sissons, J. R., Gallegos, A. M., Fink, P. J., Urdahl, K. B.

2015; 212 (5): 715-728

- **Receptor revision in CD4 T cells is influenced by follicular helper T cell formation and germinal-center interactions** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*

Higdon, L. E., Deets, K. A., Friesen, T. J., Sze, K., Fink, P. J.

2014; 111 (15): 5652-5657

- **Recent thymic emigrants are preferentially incorporated only into the depleted T-cell pool** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*

Houston, E. G., Higdon, L. E., Fink, P. J.

2011; 108 (13): 5366-5371