




## Marla (McPherson) Glass

Postdoctoral Research Fellow, Transplantation Surgery

 NIH Biosketch available Online

 Curriculum Vitae available Online

---

### Bio

#### BIO

My primary research focus is on regulatory immune cell phenotypes in organ transplant recipients. I'm applying high-dimensional single cell proteomics to identify the immune cell types that affect development of and outcomes in EBV-associated B cell lymphomas in transplant recipients.

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of California Davis (2016)
- Bachelor of Science, University of Connecticut (2010)

#### LINKS

- LinkedIn: <https://www.linkedin.com/in/marlaglass/>
- ResearchGate: [www.researchgate.net/profile/Marla\\_Glass](http://www.researchgate.net/profile/Marla_Glass)
- Transplant Immunology Lab: <http://web.stanford.edu/group/TIL/>
- ORCID ID: <https://orcid.org/0000-0003-3763-0842>

---

### Research & Scholarship

#### LAB AFFILIATIONS

- Olivia Martinez, Transplant Immunology (3/20/2017)

---

### Teaching

#### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Immunology (Phd Program)

---

### Publications

#### PUBLICATIONS

- **An Integrated Multi-omic Single-Cell Atlas of Human B Cell Identity.** *Immunity*  
Glass, D. R., Tsai, A. G., Oliveria, J. P., Hartmann, F. J., Kimmey, S. C., Calderon, A. A., Borges, L., Glass, M. C., Wagar, L. E., Davis, M. M., Bendall, S. C.  
2020; 53 (1): 217–32.e5
- **Dual blockade of the PI3K/Akt/mTOR pathway inhibits posttransplant Epstein-Barr virus B cell lymphomas and promotes allograft survival** *AMERICAN JOURNAL OF TRANSPLANTATION*  
Sang, A. X., McPherson, M. C., Ivison, G. T., Qu, X., Rigdon, J., Esquivel, C. O., Krams, S. M., Martinez, O. M.

---

2019; 19 (5): 1305–14

- **Characterization of genomic alterations in EBV plus PTL**

Krams, S. M., Arvedson, M., Maloney, E., Balachandran, Y., McPherson, M., Boyd, S. D., Esquivel, C. O., Martinez, O. M.  
WILEY.2019

- **Dual blockade of the PI3K/Akt/mTOR pathway inhibits post-transplant Epstein-Barr virus B cell lymphomas and promotes allograft survival.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*

Sang, A. X., McPherson, M. C., Ivison, G. T., Qu, X., Rigdon, J., Esquivel, C. O., Krams, S. M., Martinez, O. M.  
2018

- **Delineation of the Viral and Host Cell Genomic Alterations in EBV-positive PTL**

Balachandran, Y., McPherson, M., Boyd, S. D., Esquivel, C. O., Krams, S., Martinez, O. M.  
LIPPINCOTT WILLIAMS & WILKINS.2018: S319

- **Genomic Status of the Epstein Barr Virus and Virus-Associated PI3K/Akt/mTOR Pathway Dysregulation in Post-Transplant Lymphoproliferative Disorder**

McPherson, M., Balachandran, Y., Boyd, S. D., Zimmermann, H., Trappe, R. U., Esquivel, C. O., Krams, S. M., Martinez, O. M.  
LIPPINCOTT WILLIAMS & WILKINS.2018: S95

- **Inhibition of Multiple Nodes in the PI3K/Akt/mTOR Pathway Synergistically Suppresses Post-Transplant B Cell Lymphomas**

Sang, A., McPherson, M., Ivison, G., Qu, X., Rigdon, J., Esquivel, C., Krams, S., Martinez, O.  
WILEY.2018: 20

- **Vaccination and Host Marek's Disease-Resistance Genotype Significantly Reduce Oncogenic Gallid alphaherpesvirus 2 Telomere Integration in Host Birds.** *Cytogenetic and genome research*

McPherson, M. C., Cheng, H. H., Smith, J. M., Delany, M. E.  
2018

- **Marek's disease herpesvirus vaccines integrate into chicken host chromosomes yet lack a virus-host phenotype associated with oncogenic transformation.** *Vaccine*

McPherson, M. C., Cheng, H. H., Delany, M. E.  
2016; 34 (46): 5554-5561

- **Virus and host genomic, molecular, and cellular interactions during Marek's disease pathogenesis and oncogenesis** *POULTRY SCIENCE*

McPherson, M. C., Delany, M. E.  
2016; 95 (2): 412-429

- **Comparative cytogenomics of poultry: mapping of single gene and repeat loci in the Japanese quail (*Coturnix japonica*)** *CHROMOSOME RESEARCH*

McPherson, M. C., Robinson, C. M., Gehlen, L. P., Delany, M. E.  
2014; 22 (1): 71-83