



## Zinaida Good

Postdoctoral Research Fellow, Stanford Cancer Center

 Curriculum Vitae available Online

### Bio

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#### BIO

Zinaida Good, Ph.D. is a 2020 Stanford Cancer Institute Fellow training with Profs. Crystal L. Mackall, M.D. and Sylvia K. Plevritis, Ph.D. at Stanford University. Dr. Good's research is focused on investigating how chimeric antigen receptor (CAR)-expressing T lymphocytes succeed or fail in patients, in order to guide the design of the next generation of engineered cell therapies. Leveraging multimodal single-cell data analysis, tumor microenvironment imaging, and data integration, she aims to identify features of optimal CAR T cells from patient data. Her projects include: (1) identification of CAR T-cell populations that are associated with durable complete response in diffuse large B-cell lymphoma (DLBCL) patients receiving a CD19-targeted therapy Axicabtagene ciloleucel; (2) defining features of successful CAR T-cell clones in DLBCL patients receiving bispecific CD19/CD22-targeted CAR T cells on a Stanford trial; and (3) identifying modulation points to improve CAR T-cell function within the tumor microenvironment in DLBCL and solid tumors. Dr. Good earned her Ph.D. in Computational & Systems Immunology from Stanford University in April 2018, where she trained with Profs. Garry P. Nolan, Ph.D. and Sean C. Bendall, Ph.D. Her background is in immunology (B.S. and M.S. from the University of British Columbia in Vancouver, Canada) and oncology (she worked for 2 years in Discovery Oncology at Genentech). As a result of her academic training and work experiences, Dr. Good became an inventor on 2 patent applications, co-authored 7 papers, and wrote 3 first-author manuscripts (Good and Sarno et al. *Nature Medicine*, 2018; Good et al. *Nature Biotechnology*, 2019; Good et al. *Trends in Immunology*, 2019). Her long-term interest is in the systems-level events required for a coordinated immune attack against cancer.

#### HONORS AND AWARDS

- Stanford Cancer Institute Fellow: July 1, 2020 – June 30, 2021, Stanford Cancer Institute (2020)
- ASH 2019 Abstract Achievement Award, American Society of Hematology (2019)
- Best Q1 2019 Paper (1 of 3 papers selected), Parker Institute for Cancer Immunotherapy (2019)
- Keystone Symposia Scholar, Keystone Symposia (2018)
- Parker Institute for Cancer Immunotherapy Scholar: April 22, 2018 – May 30, 2020, Parker Institute for Cancer Immunotherapy (2017)
- Member of the DARPA Shredder Challenge winning team "All Your Shreds Are Belong to Us", Defense Advanced Research Projects Agency (2011)
- 4th prize in speed poster competition, ImmunoVancouver conference (2011)
- 2nd prize in the Life Sciences Institute junior poster competition, University of British Columbia (2009)
- Graduate entrance scholarship, University of British Columbia (2008)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Parker Institute for Cancer Immunotherapy (2018 - present)
- Member, International Society for the Advancement of Cytometry (2016 - 2018)
- Member, American Association for Cancer Research (2016 - 2018)

- Member, International Society for Stem Cell Research (2015 - 2016)
- Member, Canadian Society for Immunology (2009 - 2012)
- Member, American Association for the Advancement of Science (2009 - 2011)
- Member, Student Biotechnology Network (2005 - 2011)

## PROFESSIONAL EDUCATION

- Doctor of Philosophy, Stanford University , IMMUN-PHD (2018)
- Master of Science, University of British Columbia , Microbiology & Immunology (2012)
- Bachelor of Science, University of British Columbia , Microbiology & Immunology (2008)

## STANFORD ADVISORS

- Crystal Mackall, Postdoctoral Faculty Sponsor
- Sylvia Plevritis, Postdoctoral Research Mentor

## LINKS

- Editor profile on Wikipedia (article by Sarah Mitroff from June 28, 2013): <http://blog.wikimedia.org/2013/06/28/everyone-edit-wikipedia-zinaida-good-profile>
- Editor profile on Wikipedia (article from December 27, 2012): [http://wikimediafoundation.org/wiki/Thank\\_You/Zinaida\\_Tebaykina](http://wikimediafoundation.org/wiki/Thank_You/Zinaida_Tebaykina)
- My LinkedIn profile: [http://www.linkedin.com/profile/view?id=25467531&trk=nav\\_responsive\\_tab\\_profile](http://www.linkedin.com/profile/view?id=25467531&trk=nav_responsive_tab_profile)

## Publications

### PUBLICATIONS

- **Proliferation tracing with single-cell mass cytometry optimizes generation of stem cell memory-like T cells.** *Nature biotechnology*  
Good, Z., Borges, L., Vivanco Gonzalez, N., Sahaf, B., Samusik, N., Tibshirani, R., Nolan, G. P., Bendall, S. C.  
2019
- **Single-cell developmental classification of B cell precursor acute lymphoblastic leukemia at diagnosis reveals predictors of relapse.** *Nature medicine*  
Good, Z., Sarno, J., Jager, A., Samusik, N., Aghaeepour, N., Simonds, E. F., White, L., Lacayo, N. J., Fantl, W. J., Fazio, G., Gaipa, G., Biondi, A., Tibshirani, et al  
2018; 24 (4): 474–83
- **Automated mapping of phenotype space with single-cell data** *NATURE METHODS*  
Samusik, N., Good, Z., Spitzer, M. H., Davis, K. L., Nolan, G. P.  
2016; 13 (6): 493-?
- **Lymph node-independent liver metastasis in a model of metastatic colorectal cancer** *NATURE COMMUNICATIONS*  
Enquist, I. B., Good, Z., Jubb, A. M., Fuh, G., Wang, X., Junttila, M. R., Jackson, E. L., Leong, K. G.  
2014; 5
- **Biomarkers of Residual Disease, Disseminated Tumor Cells, and Metastases in the MMTV-PyMT Breast Cancer Model** *PLOS ONE*  
Franci, C., Zhou, J., Jiang, Z., Modrusan, Z., Good, Z., Jackson, E., Kouros-Mehr, H.  
2013; 8 (3)
- **Heterotrimeric G(i)/G(o) proteins modulate endothelial TLR signaling independent of the MyD88-dependent pathway** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*  
Dauphinee, S. M., Voelcker, V., Tebaykina, Z., Wong, F., Karsan, A.  
2011; 301 (6): H2246-H2253
- **Understanding the Mechanism of Virus Removal by Q Sepharose Fast Flow Chromatography During the Purification of CHO-Cell Derived Biotherapeutics** *BIOTECHNOLOGY AND BIOENGINEERING*  
Strauss, D. M., Lute, S., Tebaykina, Z., Frey, D. D., Ho, C., Blank, G. S., Brorson, K., Chen, Q., Yang, B.  
2009; 104 (2): 371-380

**PRESENTATIONS**

- Targeting tumor re-initiating cells in colorectal cancer (scientific talk) - Discovery Oncology Department Meeting at Genentech, Inc. (April 18, 2013)
- Characterization of processing bodies in T and B lymphocytes (M.Sc. defense) - M.Sc. Thesis Defense, University of British Columbia (April 16, 2012)
- Identification of colorectal tumor re-initiating cell niche (scientific talk) - Colorectal Cancer Meeting, Genentech, Inc. (November 25, 2011)
- How immune cells remember (speed poster presentation) - ImmunoVancouver 2011 Conference at the University of British Columbia (June 7, 2011)
- The role of mRNA processing bodies (P-bodies) in CD8+ memory T cells (scientific talk and poster) - Canadian Society for Immunology 2011 Meeting at the Chateau Lake Louise (April 10, 2011)
- The role of mRNA processing bodies (P-bodies) in CD8+ memory T cells (scientific talk) - Life Sciences Institute Graduate Student Association Research Day 2011 at the University of British Columbia (March 11, 2011)
- Finding the Achilles' heel of an incurable cancer: the role of the Rap GTPases in multiple myeloma homing and pathogenesis (poster presentation) - Life Sciences Institute Graduate Student Association Research Day 2009 at the University of British Columbia (March 13, 2009)
- Understanding viral clearance: mechanism of virus interaction with the QSFF chromatography resin (scientific talk) - Presentation to the PR&D vice president and senior staff at Genentech, Inc. (December 5, 2007)
- Understanding virus safety: mechanism of virus interaction with the Q-Sepharose Fast Flow chromatography resin (poster presentation) - Summer intern poster day at Genentech, Inc. (August 9, 2007)