



Taylor Cool

Postdoctoral Scholar, Stem Cell Transplantation

Bio

HONORS AND AWARDS

- NIH/NIDDK Research Service Award (T32) in Pediatric Nonmalignant Hematology and Stem Cell Biology, National Institutes of Health (NIH)/ National Institutes of Digestive and Kidney Diseases (NIDDK) (2023)
- UC President's Lindau Nobel Laureate Meeting's Fellow, University of California (2021)
- Tobacco-Related Diseases Research Program (TRDRP) Predoctoral Fellowship Award, University of California/TRDRP (2019)
- California Institute for Regenerative Medicine (CIRM) Bridges Graduate Trainee, San Jose State University and University of California, Santa Cruz (2015-2017)

PROFESSIONAL EDUCATION

- PhD, University of California, Santa Cruz , Molecular, Cellular, and Developmental Biology (2022)
- MA, San Jose State University , Biology/Stem Cell Biology (2017)
- BS, San Jose State University , Molecular Biology/Chemistry/Philosophy (2015)

STANFORD ADVISORS

- Agnieszka Czechowicz, Postdoctoral Faculty Sponsor

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Pediatric Nonmalignant Hematology and Stem Cell Biology Training Grant (Fellowship Program)

Publications

PUBLICATIONS

- **IL7R^{hi}, but not Flk2, is required for hematopoietic stem cell reconstitution of tissue-resident lymphoid cells.** *Development (Cambridge, England)*
Worthington, A. K., Cool, T., Poscablo, D. M., Hussaini, A., Beaudin, A. E., Forsberg, E. C.
2022; 149 (8)
- **Clearing the Haze: How Does Nicotine Affect Hematopoiesis before and after Birth?** *CANCERS*
Cool, T., Baena, A., Forsberg, E.
2022; 14 (1)
- **Interleukin 7 receptor is required for myeloid cell homeostasis and reconstitution by hematopoietic stem cells** *EXPERIMENTAL HEMATOLOGY*
Cool, T., Worthington, A., Poscablo, D., Hussaini, A., Forsberg, E.
2020; 90: 39-+
- **The lymphoid-associated interleukin 7 receptor (IL7R) regulates tissue-resident macrophage development** *DEVELOPMENT*
Leung, G. A., Cool, T., Valencia, C. H., Worthington, A., Beaudin, A. E., Forsberg, E.

2019; 146 (14)

- **Chasing Mavericks: The quest for defining developmental waves of hematopoiesis** *ORGAN DEVELOPMENT*

Cool, T., Forsberg, E., Wellik, D. M.

2019; 132: 1-29