



## Savannah Lewis

Ph.D. Student in Microbiology and Immunology, admitted Autumn 2021

### Publications

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#### PUBLICATIONS

- **CXCR6+CD127- Tr1 cells balance immunity and persistence in Plasmodium falciparum infection.** *The Journal of clinical investigation*  
Nideffer, J., Bach, F., Strubbe, S., Lopez, L., Zedi, M., Nankya, F., Briggs, J., van der Ploeg, K., Musinguzi, K., Kim, S., Garcia Romero, A., Keya, A., Camanag, et al  
2026
- **CXCR6+ CD127- Tr1 Cells Balance Immunity and Persistence in Plasmodium falciparum Infection.** *bioRxiv : the preprint server for biology*  
Nideffer, J., Bach, F., Strubbe, S., Lopez, L., Zedi, M., Nankya, F., Briggs, J., van der Ploeg, K., Musinguzi, K., Kim, S., Romero, A. G., Keya, A., Camanag, et al  
2025
- **ANTIBODY FC GLYCOSYLATION MODULATES NATURAL KILLER CELL-MEDIATED ANTIBODY-DEPENDENT CELLULAR CYTOTOXICITY (ADCC) IN MALARIA-EXPOSED PREGNANT WOMEN**  
Lewis, S. N., Kiro Singh, A. S., van der Ploeg, K., Press, K. D., Nankya, F., Musinguzi, K., Nansubuga, E., Tukwasibwe, S., Lopez-Perez, M., Kanya, M. R., Rosenthal, P., Dorsey, G., Hviid, et al  
AMER SOC TROP MED & HYGIENE.2025
- **Natural killer cell antibody-dependent cellular cytotoxicity to Plasmodium falciparum is impacted by cellular phenotypes, erythrocyte polymorphisms, parasite diversity and intensity of transmission.** *Clinical & translational immunology*  
Tukwasibwe, S., Lewis, S. N., Taremwa, Y., van der Ploeg, K., Press, K. D., Ty, M., Namirimu Nankya, F., Musinguzi, K., Nansubuga, E., Bach, F., Chamai, M., Okitwi, M., Tumusiime, et al  
2024; 13 (11): e70005
- **Natural killer cells and antibodies versus malaria.** *Nature microbiology*  
Lewis, S. N., Guiton, P. S.  
2023; 8 (6): 1001
- **Malaria-driven expansion of adaptive-like functional CD56-negative NK cells correlates with clinical immunity to malaria.** *Science translational medicine*  
Ty, M., Sun, S., Callaway, P. C., Rek, J., Press, K. D., van der Ploeg, K., Nideffer, J., Hu, Z., Klemm, S., Greenleaf, W., Donato, M., Tukwasibwe, S., Arinaitwe, et al  
2023; 15 (680): eadd9012