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Publications

PUBLICATIONS

- **Malaria-specific Type 1 regulatory T cells are more abundant in first pregnancies and associated with placental malaria.** *EBioMedicine*
Kirosingh, A. S., Delmastro, A., Kakuru, A., van der Ploeg, K., Bhattacharya, S., Press, K. D., Ty, M., Parte, L., Kizza, J., Muhindo, M., Devachanne, S., Gamain, B., Nankya, et al
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- **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
- **Early immune markers of clinical, virological, and immunological outcomes in patients with COVID-19: a multi-omics study.** *eLife*
Hu, Z., van der Ploeg, K., Chakraborty, S., Arunachalam, P. S., Mori, D. A., Jacobson, K. B., Bonilla, H., Parsonnet, J., Andrews, J. R., Holubar, M., Subramanian, A., Khosla, C., Maldonado, et al
2022; 11
- **The acquisition of humoral immune responses targeting Plasmodium falciparum sexual stages in controlled human malaria infections.** *Frontiers in immunology*
de Jong, R. M., Alkema, M., Oulton, T., Dumont, E., Teelen, K., Nakajima, R., de Assis, R. R., Press, K. W., Ngotho, P., Tetteh, K. K., Felgner, P., Marti, M., Collins, et al
2022; 13: 930956
- **TNF-alpha+ CD4+ T cells dominate the SARS-CoV-2 specific T cell response in COVID-19 outpatients and are associated with durable antibodies.** *Cell reports. Medicine*
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- **Early immune responses have long-term associations with clinical, virologic, and immunologic outcomes in patients with COVID-19.** *Research square*
Hu, Z., van der Ploeg, K., Chakraborty, S., Arunachalam, P., Mori, D., Jacobson, K., Bonilla, H., Parsonnet, J., Andrews, J., Hedlin, H., de la Parte, L., Dantzler, K., Ty, et al
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- **DIMINISHED V delta 2+delta gamma T CELL CYTOKINE PRODUCTION AND DEGRANULATION FOLLOWING IN VITRO MALARIA EXPOSURE**
Dantzler, K., Klemm, S., Rek, J., Nankya, F., Ssewanyana, I., Kanya, M., Greenhouse, B., Dorsey, G., Feeney, M., Greenleaf, W., Jagannathan, P.
AMER SOC TROP MED & HYGIENE.2021: 16
- **MALARIA-DRIVEN EXPANSION OF MATURE, SHORT-LIVED FUNCTIONAL CD56NEG NK CELLS CORRELATES WITH CLINICAL IMMUNITY TO MALARIA**
Ty, M., de la Parte, L., Dantzler, K., van der Ploeg, K., Callaway, P., Tukwasibwe, S., Rek, J., Arinaitwe, E., Ssewanyana, I., Nankya, F., Musinguzi, K., Dorsey, G., Boyle, et al
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- **SARS-CoV-2 RNAemia predicts clinical deterioration and extrapulmonary complications from COVID-19.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
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2021

- **Naturally acquired immunity against immature Plasmodium falciparum gametocytes** *SCIENCE TRANSLATIONAL MEDICINE*
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- **Emerging role of gammadelta T cells in vaccine-mediated protection from infectious diseases.** *Clinical & translational immunology*
Dantzer, K. W., de la Parte, L., Jagannathan, P.
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- **MECHANISMS DRIVING ALTERED V Delta 2+Gamma Delta T CELL FUNCTION DURING RECURRENT MALARIA INFECTION**
Dantzer, K. W., Klemm, S., Polidoro, R., Rao, A., Junquiera, C., Dvorak, M., Rek, J., Kanya, M., Cheung, P., Kuo, A., Dorsey, G., Feeney, M., Lieberman, et al
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- **## T Cells in Antimalarial Immunity: New Insights Into Their Diverse Functions in Protection and Tolerance.** *Frontiers in immunology*
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- **gamma delta T Cells in Antimalarial Immunity: New Insights Into Their Diverse Functions in Protection and Tolerance** *FRONTIERS IN IMMUNOLOGY*
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- **IMPACT OF RECURRENT MALARIA ON V Delta 2 Gamma Delta T CELL <it>IN VITRO</it> ANTI-PARASITIC ACTIVITY**
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- **Quantitative Proteomic Profiling Reveals Novel Plasmodium falciparum Surface Antigens and Possible Vaccine Candidates** *MOLECULAR & CELLULAR PROTEOMICS*
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- **GAMETOCYTE-SPECIFIC IMMUNITY PROVIDES A RATIONALE FOR NOVEL TRANSMISSION BLOCKING INTERVENTIONS IN PLASMODIUM FALCIPARUM**
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AMER SOC TROP MED & HYGIENE.2017: 414
- **PLASMODIUM FALCIPARUM PHISTC PROTEINS ARE REQUIRED FOR ANTIGEN DELIVERY TO THE INFECTED ERYTHROCYTE SURFACE**
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- **Naturally acquired immunity to sexual stage P. falciparum parasites** *PARASITOLOGY*
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- **CHARACTERIZATION OF IMMUNE RESPONSES TO PLASMODIUM FALCIPARUM GAMETOCYTES**
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