Stanford

Prasanna Jagannathan

Associate Professor of Medicine (Infectious Diseases) and of Microbiology and Immunology

Medicine - Infectious Diseases

CLINICAL OFFICE (PRIMARY)

- **Infectious Disease Clinic**

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Bio

BIO

I am an Infectious Diseases physician-scientist with a research program in human immunology of malaria and clinical trials of immune modulatory interventions. Our group has been conducting detailed longitudinal cohort studies in children and pregnant women in order to study how repeated malaria shapes the cellular immune response. We are also studying how malaria control interventions such as antimalarial chemoprevention and vector control shape the acquisition and/or maintenance of protective immunity to malaria. We have expanded this work to not only include studying the mechanisms driving naturally acquired immunity to malaria, but other infectious diseases, including SARS CoV-2. We have also lead and/or participated in studies evaluating therapeutic strategies for patients with mild to moderate COVID-19.

CLINICAL FOCUS

- Infectious Disease

ACADEMIC APPOINTMENTS

- Associate Professor, Medicine - Infectious Diseases
- Associate Professor, Microbiology and Immunology
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Department of Medicine Team Science Division Representative, Stanford University School of Medicine, (2023- present)

HONORS AND AWARDS

- Elected Member, American Society of Clinical Investigation (April 2025)
- Rosenkranz Prize, Stanford University (Sep 2018)
- Young Physician Scientist Award, American Society of Clinical Investigation (April 2018)

PROFESSIONAL EDUCATION

- Board Certification: Infectious Disease, American Board of Internal Medicine (2011)
- Certificate, University of California, San Francisco , Advanced Training in Clinical Research
- Postdoctoral, University of California, San Francisco , Immunology
- Fellowship, University of California, San Francisco , Infectious Diseases
- Residency, University of California, San Francisco , Internal Medicine
- M.D., Harvard Medical School , Medicine

COMMUNITY AND INTERNATIONAL WORK

- Mechanisms and Correlates of Immunity to Malaria, Uganda

LINKS

- Jagannathan Lab at Stanford: http://med.stanford.edu/jagannathan-lab.html

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Working with the Infectious Diseases Research Collaboration in Uganda, we have studied the development of naturally acquired antimalarial immunity in infants, young children, and pregnant women. In birth cohorts of infants in Eastern Uganda, the incidence of malaria is very high, and there is a high prevalence of asymptomatic parasitemia in young infants. We have reported that both infant sex (PMID 33272281) and sickle cell trait status (PMID 33738485) modify malaria immune phenotypes in infancy.

Following repeated Pf infections, children eventually gain the ability to tolerate parasitemia at low levels without developing symptoms. We have been studying how repeated Pf infections impact the innate immune response in children, and identified an atypical, CD56-negative NK cell subset that expands following repeated parasite exposure and correlated with protection against symptomatic malaria. These cells were functional, displaying capacity to perform antibody-dependent cellular cytotoxicity, but were rapidly lost in the absence of continuous exposure. These data suggest that continued exposure to Pf parasites is required to maintain this atypical subset of cells (PMID 36696483.) We also recently utilized EpiTOF, a single-cell epigenetic profiling technique developed at Stanford, and found that repeated exposure to Pf was associated with epigenetic changes across a number of innate immune cells that regulate excessive inflammation and contribute to naturally acquired immunity to malaria (PNAS Nexus, in Press). To further study the innate immune response to Pf, we are longitudinally profiling the innate and adaptive immune response to Pf infection in young children across single and repeated infections by utilizing broad, longitudinal, multiomic assessments of host immunity, along with computational approaches.

We also hypothesize that clinical tolerance to Pf infection is driven by expansion of malaria-specific regulatory CD4+ T cell populations. We have been studying malaria-specific CD4+ populations in children using single cell genomic approaches. We have found that clonal populations of Plasmodium-specific type 1 regulatory T cells expand following single and repeated Plasmodium infections, and are currently studying the impact of repeated Plasmodium infections on T cell populations in children and in mice through a collaboration with Dr. Ashraful Haque of the University of Melbourne.

We have also been studying malaria-specific immune responses in pregnancy. With successive pregnancies, women gain protection against malaria in pregnancy and adverse birth outcomes, but cellular correlates of both protection against malaria in pregnancy have not been identified and would assist with vaccine design. We reported that Plasmodium-specific Tr1 cells were highly prevalent in primigravid Ugandan women, and their presence correlated with a higher risk of malaria in pregnancy. (PMID 37634385).

Finally, we are evaluating novel, artemisinin-based chemoprevention to prevent malaria in high transmission settings in children and during pregnancy, and are interested in how strategies to prevent malaria might alter the development of protective immune responses. In a preliminary trial, we previously reported that prevention of malaria in infancy with chemoprevention may enhance subsequent protective immunity to malaria (PMID 31307883.) We are now conducting a Phase 3, placebo-controlled, randomized controlled trial, “Modifying immunity in children with dihydroartemisinin-piperaquine (MIC-DroP, NCT 04978272). In this trial, 924 Ugandan infants are being randomized to receive monthly dihydroartemisinin-piperaquine chemoprevention or placebo from 8 weeks to 2 years of age, then followed up to 4 years of age. Here, we are testing the hypothesis that effective prevention of malaria in infants infancy enhances protective immunity to malaria by limiting malaria-induced immunoregulatory mechanisms.

CLINICAL TRIALS

- ACTIV-6: COVID-19 Study of Repurposed Medications, Recruiting
- Modifying Immunity in Children With DihydROartemisinin-Piperaquine (MIC-DroP), Not Recruiting
- Single-Blind Study of a Single Dose of Peginterferon Lambda-1a Compared With Placebo in Outpatients With Mild COVID-19, Not Recruiting
- Perennial Malaria Chemoprevention in the Malaria Vaccine Era, Not Specified

Teaching

COURSES

2025-26

- Translational Immunology: IMMUNOL 209 (Win, Spr)

2024-25

- Translational Immunology: IMMUNOL 209 (Win, Spr)

2023-24

- Cellular and Molecular Immunology: An Introductory Course: BIO 230, IMMUNOL 200, MI 200 (Aut)
- Translational Immunology: IMMUNOL 209 (Win, Spr)

2022-23

- Translational Immunology: IMMUNOL 209 (Win, Spr)

STANFORD ADVISEES

Med Scholar Project Advisor

Zachary Renfro

Doctoral Dissertation Reader (AC)

Potchara Boonrat, Evan Maestri, Anna Nguyen

Postdoctoral Faculty Sponsor

Florian Bach

Doctoral Dissertation Advisor (AC)

Alea Delmastro, Nana Akua Duah, Savannah Lewis, Luis Lopez, Alexander Stanford

Postdoctoral Research Mentor

Florian Bach, Caroline Duncombe

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Immunology (Phd Program)

- Infectious Diseases (Fellowship Program)
- Microbiology and Immunology (Phd Program)

Publications

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

- **Impact of intermittent preventive treatment for malaria in pregnancy with sulfadoxine-pyrimethamine, dihydroartemisinin-piperaquine, and their combination on infant outcomes: A randomized controlled trial.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
  Nankabirwa, J. I., Kakuru, A., Nguyen, A. T., Roh, M. E., Aguti, M., Adrama, H., Kizza, J., Olwoch, P., Camanag, K., Benjamin-Chung, J., Rosenthal, P. J., Kamya, M. R., Dorsey, et al
  2026

- **Cytotoxic Vδ2+ T cell subsets expand in response to malaria in human tonsil and spleen organoids.** *PLoS pathogens*
  Press, K. D., Bach, F., Sola, E., Camanag, K., Dooley, N. L., Ivanawati, A., Oyong, D., Nalubega, M., Kakuru, A., Matsiko, S., Nankya, F., Musinguzi, K., Nalwoga, et al
  2026; 22 (4): e1013565

- **Clone tracking through repeated malaria identifies high-fidelity memory CD4 T cell responses.** *Science immunology*
  Nideffer, J., Bach, F., Nankya, F., Musinguzi, K., Borna, Š., Mantilla, M., Zedi, M., Garcia Romero, A., Gerungan, C., Yang, N., Kim, S., van der Ploeg, K., Camanag, et al
  2025; 10 (106): eads2957

- **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

- **Clinical immunity to malaria involves epigenetic reprogramming of innate immune cells.** *PNAS nexus*
  Nideffer, J., Ty, M., Donato, M., John, R., Kajubi, R., Ji, X., Nankya, F., Musinguzi, K., Press, K. D., Yang, N., Camanag, K., Greenhouse, B., Kamya, et al
  2024; 3 (8): pgae325

- **The impact of Plasmodium-driven immunoregulatory networks on immunity to malaria.** *Nature reviews. Immunology*
  Boyle, M. J., Engwerda, C. R., Jagannathan, P.
  2024

- **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
  2023; 95: 104772

- **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

- **TNF-alpha+ CD4+ Tcells dominate the SARS-CoV-2 specific T cell response in COVID-19 outpatients and are associated with durable antibodies.** *Cell reports. Medicine*

  van der Ploeg, K., Kirosingh, A. S., Mori, D. A., Chakraborty, S., Hu, Z., Sievers, B. L., Jacobson, K. B., Bonilla, H., Parsonnet, J., Andrews, J. R., Press, K. D., Ty, M. C., Ruiz-Betancourt, et al

  2022: 100640

- **Age-related Changes in Malaria Clinical Phenotypes During Infancy are Modified by Sickle Cell Trait.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*

  Zehner, N., Adrama, H., Kakuru, A., Andra, T., Kajubi, R., Conrad, M., Nankya, F., Clark, T. D., Kamya, M., Rodriguez-Barraquer, I., Dorsey, G., Jagannathan, P.

  2021

- **Patients with uncomplicated COVID-19 have long-term persistent symptoms and functional impairment similar to patients with severe COVID-19: a cautionary tale during a global pandemic.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*

  Jacobson, K. B., Rao, M., Bonilla, H., Subramanian, A., Hack, I., Madrigal, M., Singh, U., Jagannathan, P., Grant, P.

  2021

- **Peginterferon Lambda-1a for treatment of outpatients with uncomplicated COVID-19: a randomized placebo-controlled trial.** *Nature communications*

  Jagannathan, P. n., Andrews, J. R., Bonilla, H. n., Hedlin, H. n., Jacobson, K. B., Balasubramanian, V. n., Purington, N. n., Kamble, S. n., de Vries, C. R., Quintero, O. n., Feng, K. n., Ley, C. n., Winslow, et al

  2021; 12 (1): 1967

- **Intermittent preventive treatment with dihydroartemisinin-piperaquine and risk of malaria following cessation in young Ugandan children: a double-blind, randomised, controlled trial.** *The Lancet. Infectious diseases*

  Muhindo, M. K., Jagannathan, P., Kakuru, A., Opira, B., Olwoch, P., Okiring, J., Nalugo, N., Clark, T. D., Ruel, T., Charlebois, E., Feeney, M. E., Havlir, D. V., Dorsey, et al

  2019

- **Dihydroartemisinin-piperaquine for intermittent preventive treatment of malaria during pregnancy and risk of malaria in early childhood: A randomized controlled trial.** *PLoS medicine*

  Jagannathan, P., Kakuru, A., Okiring, J., Muhindo, M. K., Natureeba, P., Nakalembe, M., Opira, B., Olwoch, P., Nankya, F., Ssewanyana, I., Tetteh, K., Drakeley, C., Beeson, et al

  2018; 15 (7): e1002606

- **Dihydroartemisinin-Piperaquine for the Prevention of Malaria in Pregnancy** *NEW ENGLAND JOURNAL OF MEDICINE*

  Kakuru, A., Jagannathan, P., Muhindo, M. K., Natureeba, P., Awori, P., Nakalembe, M., Opira, B., Olwoch, P., Ategeka, J., Nayebare, P., Clark, T. D., Feeney, M. E., Charlebois, et al

  2016; 374 (10): 928-939

- **Loss and dysfunction of Vd2? ?d T cells are associated with clinical tolerance to malaria.** *Science translational medicine*

  Jagannathan, P., Kim, C. C., Greenhouse, B., Nankya, F., Bowen, K., Eccles-James, I., Muhindo, M. K., Arinaitwe, E., Tappero, J. W., Kamya, M. R., Dorsey, G., Feeney, M. E.

  2014; 6 (251): 251ra117-?

- **IFN gamma/IL-10 Co-producing Cells Dominate the CD4 Response to Malaria in Highly Exposed Children** *PLOS PATHOGENS*

  Jagannathan, P., Eccles-James, I., Bowen, K., Nankya, F., Auma, A., Wamala, S., Ebusu, C., Muhindo, M. K., Arinaitwe, E., Briggs, J., Greenhouse, B., Tappero, J. W., Kamya, et al

  2014; 10 (1)

- **Effect of inhaled interferon-β1a on SARS-CoV-2 diversity and evolution.** *Microbiology spectrum*

  Edelstein, G. E., Sass, T. N., Deo, R., Glover, O. T., Boucau, J., Jaganathan, P., Chew, K. W., Giganti, M. J., Hughes, M. D., Moser, C., Javan, A. C., Fletcher, C. V., McCarthy, et al

  2026: e0054126

- **The N-terminal region of malaria vaccine candidate Plasmodium falciparum asparagine-rich merozoite antigen is immunodominant and targeted by polyreactive antibodies.** *Disease models & mechanisms*

  Garza, R., Marchioni, J. M., Honeycutt, J. D., Hurlburt, N. K., Torres, C., Garcia, A., Neog, S., Loranc, E., Yemington, E., Towers, D., Ssewanyana, I., Pancera, M., Lavinder, et al

  2026

- **Assessing the effect of malaria exposure history on tetanus antibody waning rates among children in Jinja and Tororo Districts, Uganda.** *The Journal of infectious diseases*
  Sbarra, A. N., Stone, W., Tetteh, K., Ssewanyana, I., Musinguzi, K., Rodríguez-Barraquer, I., Jagannathan, P., Bach, F. A., Drakeley, C., Takahashi, S.
  2026
- **Impact of Sex on Viral Shedding and Symptom Severity During Acute COVID-19.** *Pathogens & immunity*
  Kung, E., Deo, R., Choudhary, M. C., Chew, K. W., Evering, T. H., Ignacio, R. B., Jagannathan, P., Flynn, J. P., Regan, J., Moser, C., Giganti, M. J., Hughes, M. D., Ritz, et al
  2026; 11 (1): 142-153
- **Development and validation of UHPLC-MS/MS methods for determination of piperaquine in quantitative dried blood samples and microvolume plasma samples.** *Journal of chromatography. B, Analytical technologies in the biomedical and life sciences*
  He, M. S., He, S., Roh, M., Kakuru, A., Jagannathan, P., Dorsey, G., Rosenthal, P., Aweeka, F., Huang, L.
  2026; 1279: 125105
- **Plasma Extracellular Vesicle Surface Marker Profiling Reveals Immune Cell-Associated Mitochondrial Membrane Potential Alterations in Long COVID and Myalgic Encephalomyelitis/Chronic Fatigue Syndrome** *OPEN FORUM INFECTIOUS DISEASES*
  Ikeda, G., Koike-Ieki, M., Inoue, H., Dadhania, A., El Kamari, V., Jagannathan, P., Geng, L. N., Miglis, M. G., Shafer, R. W., Yang, P. C., Bonilla, H.
  2026; 13 (5)
- **Plasma Extracellular Vesicle Surface Marker Profiling Reveals Immune Cell-Associated Mitochondrial Membrane Potential Alterations in Long COVID and Myalgic Encephalomyelitis/Chronic Fatigue Syndrome.** *Open forum infectious diseases*
  Ikeda, G., Koike-Ieki, M., Inoue, H., Dadhania, A. V., El Kamari, V., Jagannathan, P., Geng, L. N., Miglis, M. G., Shafer, R. W., Yang, P. C., Bonilla, H. F.
  2026; 13 (5): ofag209
- **Effect mechanisms of different malaria chemoprevention regimens in pregnancy on infant growth outcomes: causal mediation analysis of a randomized controlled trial.** *medRxiv : the preprint server for health sciences*
  Nguyen, A. T., Nankabirwa, J. I., Kakuru, A., Roh, M. E., Aguti, M., Adrama, H., Kizza, J., Olwoch, P., Kamya, M. R., Dorsey, G., Jagannathan, P., Benjamin-Chung, J.
  2026
- **Estimating malaria attributable fraction using quantitative PCR in a longitudinal cohort in Eastern Uganda.** *medRxiv : the preprint server for health sciences*
  Martin, A. C., Wang, Q., Babirye, S., Arinaitwe, E., Zedi, M., Ssewanyana, I., Namirimu, F. N., Nayebare, P., Olwoch, P., Tukwasibwe, S., Jagannathan, P., Nankabirwa, J. I., Kamya, et al
  2026
- **Inhibitory NK receptor expression associates with altered antimalarial function of γδ T cells.** *PLoS pathogens*
  Olive, M. E., Callaway, P. C., Ilala, M., Levan, J., Acevedo, G. R., Nankya, F., Arinaitwe, E., Rek, J., Jagannathan, P., Dorsey, G., Kamya, M. R., Feeney, M. E.
  2026; 22 (2): e1013460
- **Viral shedding and symptom severity across populations during acute COVID in the ACTIV-2 study.** *medRxiv : the preprint server for health sciences*
  Kung, E., Deo, R., Choudhary, M. C., Chew, K. W., Evering, T. H., Ignacio, R. B., Jagannathan, P., Flynn, J. P., Regan, J., Moser, C., Giganti, M. J., Hughes, M. D., Ritz, et al
  2026
- **Maternal and household risk factors for malaria in pregnancy and low birthweight: a prospective cohort study from Uganda.** *Malaria journal*
  Aguti, M., Kizza, J., Kakuru, A., Nakalembe, M., Nankabirwa, J. I., Gaw, S. L., Opira, B., Ssemukuye, T., Ozarslan, N., Ranjit, A., Dela Cruz, E., Clark, T. D., Roh, et al
  2025
- **The N-terminal region of malaria vaccine candidate Plasmodium falciparum asparagine-rich merozoite antigen is immunodominant and targeted by polyreactive antibodies.** *bioRxiv : the preprint server for biology*
  Garza, R., Marchioni, J. M., Honeycutt, J. D., Hurlburt, N. K., Torres, C., Garcia, A., Loranc, E., Yemington, E., Towers, D., Ssewanyana, I., Pancera, M., Lavinder, J. J., Jagannathan, et al
  2025

- **Longitudinal Patient-Reported Outcome Trajectories in Long COVID: Findings From the STOP-PASC Clinical Trial.** *Open forum infectious diseases*
  Jagannathan, P., Hedlin, H., Liang, J. W., Shaw, B., Maestri, E., Lin, M., Utz, P. J., Singh, U., Geng, L. N., Bonilla, H.
  2025; 12 (10): ofaf634

- **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

- **Maternal and household risk factors for malaria in pregnancy and low birthweight: a prospective cohort study from Uganda.** *Research square*
  Aguti, M., Kizza, J., Kakuru, A., Nakalembe, M., Nankabirwa, J. I., Gaw, S. L., Opira, B., Ssemukuye, T., Ozarslan, N., Ranjit, A., Cruz, E., Clark, T. D., Roh, et al
  2025

- **Olfactory Dysfunction After SARS-CoV-2 Infection in the RECOVER Adult Cohort.** *JAMA network open*
  Horwitz, L. I., Becker, J. H., Huang, W., Akintonwa, T., Hornig-Rohan, M. M., Maranga, G., Adams, D. R., Albers, M. W., Ayache, M., Berry, J., Brim, H., Bryan, T. W., Charney, et al
  2025; 8 (9): e2533815

- **Age-Related Changes in the Clinical Picture of Long COVID.** *Journal of the American Geriatrics Society*
  Fain, M. J., Horne, B. D., Horwitz, L. I., Thaweethai, T., Greene, M., Hornig, M., Orkaby, A. R., Rosen, C., Ritchie, C. S., Ashktorab, H., Blachman, N., Brim, H., Emerson, et al
  2025

- **Single-Cell and Plasma Proteomics Do Not Differentiate Patients With and Without SARS-CoV-2 Antigenemia in Convalescence in a Cohort of 100 Patients.** *Open forum infectious diseases*
  Pienkos, S., Swank, Z., Hamlin, R. E., Rao, M., Grant, P., Bonilla, H., Jacobson, K., Jagannathan, P., Singh, U., Walt, D. R., Subramanian, A., Blish, C.
  2025; 12 (9): ofaf515

- **Dihydroartemisinin-piperaquine plus sulfadoxine-pyrimethamine versus either drug alone for intermittent preventive treatment of malaria in pregnancy: A double-blind, randomized, controlled phase 3 trial from Uganda.** *PLoS medicine*
  Kakuru, A., Kizza, J., Aguti, M., Adrama, H., Ategeka, J., Olwoch, P., Nakalembe, M., Nankabirwa, J. I., Opira, B., Ozarslan, N., Ranjit, A., Dela Cruz, E., Clark, et al
  2025; 22 (9): e1004582

- **Regulatory KIR+CD8+ T cells are elevated during human pregnancy.** *Science translational medicine*
  Li, J., Wang, X., Lackner, A. I., Narasimhan, P., Li, L., Mallajosyula, V., Johnson, M. M., Höbler, A. L., Kirosingh, A. S., Braun, A. E., Nankya, F., Musinguzi, K., Kakuru, et al
  2025; 17 (810): eadm7697

- **Digital Biometric Measures in Long COVID: A Secondary Analysis of the STOP-PASC Randomized Clinical Trial.** *JAMA network open*
  Gunturkun, F., Hedlin, H., Botzheim, B., Deng, Y., Bonilla, H., Jagannathan, P., Quach, T. C., Kim, S., Lin, M., O'Riordan, G., Tzeng, H., Adamowicz, L., Demanuele, et al
  2025; 8 (8): e2526901

- **Metformin and Time to Sustained Recovery in Adults With COVID-19: The ACTIV-6 Randomized Clinical Trial.** *JAMA internal medicine*
  Bramante, C. T., Stewart, T. G., Boulware, D. R., McCarthy, M. W., Gao, Y., Rothman, R. L., Mourad, A., Thicklin, F., Cohen, J. B., Garcia Del Sol, I. T., Ruiz-Unger, J., Shah, N. S., Mehta, et al
  2025

- **MATERNAL SARS-COV-2 INFECTION, VACCINATION, AND INFANT STUNTING IN UGANDA**
  Jacobson, K. B., Fireman, B., Kakuru, A., Nankabirwa, J., Kamya, M., Boyd, S. D., Roltgen, K., Dorsey, G., Gaw, S., Rosenthal, P., Klein, N., Jagannathan, P.
  AMER SOC TROP MED & HYGIENE.2025

- **DISCORDANT DATING OF PREGNANCY BY LAST MENSTRUAL PERIOD VERSUS ULTRASOUND AND ASSOCIATED BIRTH OUTCOMES IN RURAL UGANDA**
  Kizza, J., Ranjit, A., Kakuru, A., Nakalembe, M., Rachkara, T., Aguti, M., Ssemukuye, T., Bwire, J., Clark, T. D., Rosenthal, P. J., Jagannathan, P., Roh, M. E., Kamya, et al

AMER SOC TROP MED & HYGIENE.2025

- **MALARIA BURDEN IN INFANTS LIVING IN A HIGH MALARIA TRANSMISSION SETTING IN UGANDA**
  Aguti, M., Kakuru, A., Kizza, J., Shaw, B., Adrama, H., Olwoch, P., Kamya, M., Dorsey, G., Jagannathan, P., Hedline, H., Nankabirwa, J.
  AMER SOC TROP MED & HYGIENE.2025

- **DIHYDROARTEMISININ-PIPERAQUINE PLUS SULFADOXINE-PYRIMETHAMINE FOR INTERMITTENT PREVENTIVE TREATMENT OF MALARIA IN PREGNANT WOMEN: A DOUBLE-BLINDED RANDOMIZED CONTROLLED TRIAL**
  Kakuru, A., Kizza, J., Aguti, M., Adrama, H., Ategeka, J., Olwoch, P., Nakalembe, M., Nankabirwa, J., Opira, B., Ssemukuye, T., Ozarslan, N., Ranjit, A., Dela Cruz, et al
  AMER SOC TROP MED & HYGIENE.2025

- **ANTIBODY FC GLYCOSYLATION MODULATES NATURAL KILLER CELL-MEDIATED ANTIBODY-DEPENDENT CELLULAR CYTOTOXICITY (ADCC) IN MALARIA-EXPOSED PREGNANT WOMEN**
  Lewis, S. N., Kirosingh, A. S., van der Ploeg, K., Press, K. D., Nankya, F., Musinguzi, K., Nansubuga, E., Tukwasibwe, S., Lopez-Perez, M., Kamya, M. R., Rosenthal, P., Dorsey, G., Hviid, et al
  AMER SOC TROP MED & HYGIENE.2025

- **COMPARING CHANGES IN MALARIA TRANSMISSION USING THE MOLECULAR FORCE OF INFECTION VERSUS INCIDENCE DURING A MALARIA RESURGENCE IN TORORO, UGANDA**
  Briggs, J., Ategeka, J., Lum, K., Nankabirwa, J., Arinaitwe, E., Rek, J., Zedi, M., Rosenthal, P., Olwoch, P., Jagannathan, P., Kamya, M., Dorsey, G., Rodriguez-Barraquer, et al
  AMER SOC TROP MED & HYGIENE.2025

- **TRANSMIGRATION OF MATERNAL MONOCYTES AND FETAL MACROPHAGES IN RESPONSE TO ACTIVE VERSUS PAST PLACENTAL MALARIA AND ASSOCIATIONS WITH BIRTH WEIGHT**
  Ozarslan, N., Ategeka, J., Mong, C., Blauvelt, C., Kizza, J., Kakuru, A., Kamya, M. R., Rosenthal, P. J., Jagannathan, P., Dorsey, G., Gaw, S. L.
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