

Stanford



Florian Bach

Postdoctoral Scholar, Infectious Diseases

Bio

BIO

I'm a molecular infection biologist by training, but shifted my focus from pathogens to hosts for my graduate research. During my PhD with Phil Spence in Edinburgh I studied both falciparum and vivax malaria using controlled human (re)infection models, collaborating closely with the groups of Simon Draper and Angela Minassian in Oxford. As a hybrid bioinformatician and experimentalist, I love systems immunology for answering complex questions about human health. For my postdoc, I study in how the human immune response to malaria evolves in infants as they become reinfected and age. I'm also interested in how such early-life immunological events, malaria and beyond, may affect vaccine responses and immune development later in life. I address this question by making use of a longitudinal study cohort of infants receiving monthly chemoprevention in Eastern Uganda, together with our collaborators at UC San Francisco and IDRC Uganda.

STANFORD ADVISORS

- Prasanna Jagannathan, Postdoctoral Faculty Sponsor
- Prasanna Jagannathan, Postdoctoral Research Mentor