

Marilou Tetard

Postdoctoral Research Fellow, Infectious Diseases

Bio

PROFESSIONAL EDUCATION

- Master of Science, Universite De Paris Vii (2013)
- Doctor of Philosophy, Universite De Paris Vii (2018)

STANFORD ADVISORS

- Elizabeth Egan, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **A common polymorphism in the mechanosensitive ion channel PIEZO1 is associated with protection from severe malaria in humans.** *Proceedings of the National Academy of Sciences of the United States of America*
Nguetse, C. N., Purington, N., Ebel, E. R., Shakya, B., Tetard, M., Kremsner, P. G., Velavan, T. P., Egan, E. S.
2020
- **Phosphorylation of the VAR2CSA extracellular region is associated with enhanced adhesive properties to the placental receptor CSA** *PLOS BIOLOGY*
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- **Impact of Hemoglobin S Trait on Cell Surface Antibody Recognition of Plasmodium falciparum-Infected Erythrocytes in Pregnancy-Associated Malaria** *OPEN FORUM INFECTIOUS DISEASES*
Chauvet, M., Tetard, M., Cottrell, G., Aussenac, F., Brassier, E., Denoyel, L., Hanny, M., Lohezic, M., Milet, J., Ndam, N., Pineau, D., Roman, J., Luty, et al
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- **PHOSPHORYLATION OF THE VAR2CSA EXTRACELLULAR REGION IS ASSOCIATED WITH ENHANCED ADHESIVE PROPERTIES TO THE PLACENTAL RECEPTOR CSA**
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- **Down-selection of the VAR2CSA DBL1-2 expressed in E. coli as a lead antigen for placental malaria vaccine development** *NPJ VACCINES*
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- **The sickle cell trait affects contact dynamics and endothelial cell activation in Plasmodium falciparum-infected erythrocytes** *COMMUNICATIONS BIOLOGY*
Lansche, C., Dasanna, A. K., Quadt, K., Froehlich, B., Missirlis, D., Tetard, M., Gamain, B., Buchholz, B., Sanchez, C. P., Tanaka, M., Schwarz, U. S., Lanzer, M.
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- **Heterozygous HbAC but not HbAS is associated with higher newborn birthweight among women with pregnancy-associated malaria** *SCIENTIFIC REPORTS*
Tetard, M., Milet, J., Dechavanne, S., Fievet, N., Dorin-Semlat, D., Elion, J., Fairhurst, R. M., Deloron, P., Tuikue-Ndam, N., Gamain, B.
2017; 7: 1414

- **Differential Use of the C-Type Lectins L-SIGN and DC-SIGN for Phlebovirus Endocytosis** *TRAFFIC*
Leger, P., Tetard, M., Youness, B., Cordes, N., Rouxel, R. N., Flamand, M., Lozach, P.
2016; 17 (6): 639–56
- **Genome-Wide Small Interfering RNA Screens Reveal VAMP3 as a Novel Host Factor Required for Uukuniemi Virus Late Penetration** *JOURNAL OF VIROLOGY*
Meier, R., Franceschini, A., Horvath, P., Tetard, M., Mancini, R., von Mering, C., Helenius, A., Lozach, P.
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