



## Marilou Tetard

Postdoctoral Scholar, Infectious Diseases

### Bio

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#### 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

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#### 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. n., Ebel, E. R., Shakya, B. n., Tetard, M. n., Kremsner, P. G., Velavan, T. P., Egan, E. S.  
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- **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*  
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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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