

## Marilou Tetard

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### Publications

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#### PUBLICATIONS

- **Casein Kinases 2-dependent phosphorylation of the placental ligand VAR2CSA regulates Plasmodium falciparum-infected erythrocytes cytoadhesion.** *PLoS pathogens*  
Dorin-Semlat, D., Semlat, J. P., Hamelin, R., Srivastava, A., Tetard, M., Matesic, G., Doerig, C., Gamain, B.  
2025; 21 (1): e1012861
- **Plasmodium falciparum exploits CD44 as a co-receptor for erythrocyte invasion.** *Blood*  
Baro, B., Kim, C. Y., Lin, C., Kongsomboonvech, A. K., Tetard, M., Peterson, N. A., Salinas, N. D., Tolia, N. H., Egan, E. S.  
2023
- **Plasmodium falciparum exploits CD44 as a co-receptor for erythrocyte invasion.** *bioRxiv : the preprint server for biology*  
Baro-Sastre, B., Kim, C. Y., Lin, C., Kongsomboonvech, A. K., Tetard, M., Salinas, N. D., Tolia, N. H., Egan, E. S.  
2023
- **Erythrocyte-Plasmodium interactions: genetic manipulation of the erythroid lineage.** *Current opinion in microbiology*  
Tetard, M., Peterson, N. A., Egan, E. S.  
2022; 70: 102221
- **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.  
2020
- **Phosphorylation of the VAR2CSA extracellular region is associated with enhanced adhesive properties to the placental receptor CSA** *PLOS BIOLOGY*  
Dorin-Semlat, D., Tetard, M., Claes, A., Semlat, J., Dechavanne, S., Fourati, Z., Hamelin, R., Armand, F., Matesic, G., Nunes-Silva, S., Srivastava, A., Gangnard, S., Lopez-Rubio, et al  
2019; 17 (6): e3000308
- **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  
2019; 6 (4): ofz156
- **PHOSPHORYLATION OF THE VAR2CSA EXTRACELLULAR REGION IS ASSOCIATED WITH ENHANCED ADHESIVE PROPERTIES TO THE PLACENTAL RECEPTOR CSA**  
Dorin-Semlat, D., Tetard, M., Claes, A., Semlat, J., Dechavanne, S., Fourati, Z., Hamelin, R., Armand, F., Matesic, G., Nunes-Silva, S., Srivastava, A., Gangnard, S., Lopez-Rubio, et al  
AMER SOC TROP MED & HYGIENE.2019: 425–26
- **Down-selection of the VAR2CSA DBL1-2 expressed in E. coli as a lead antigen for placental malaria vaccine development** *NPJ VACCINES*  
Chene, A., Gangnard, S., Dechavanne, C., Dechavanne, S., Srivastava, A., Tetard, M., Hundt, S., Leroy, O., Havelange, N., Viebig, N. K., Gamain, B.  
2018; 3: 28
- **The sickle cell trait affects contact dynamics and endothelial cell activation in Plasmodium falciparum-infected erythrocytes** *COMMUNICATIONS BIOLOGY*

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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.  
2018; 1

- **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-Semblat, 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.  
2014; 88 (15): 8565–78