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Bio

STANFORD ADVISORS

- Elizabeth Egan, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **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.
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- **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.
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- **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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- **PHOSPHORYLATION OF THE VAR2CSA EXTRACELLULAR REGION IS ASSOCIATED WITH ENHANCED ADHESIVE PROPERTIES TO THE PLACENTAL RECEPTOR CSA**
Dorin-Semblat, D., Tetard, M., Claes, A., Semblat, J., Dechavanne, S., Fourati, Z., Hamelin, R., Armand, F., Matesic, G., Nunes-Silva, S., Srivastava, A., Gangnard, S., Lopez-Rubio, et al
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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*
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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