

Publication List

(Change of last name in 08/2005 from **Flick** to **Moll**)

1. **Flick, K.**, Scholander, C., Chen, Q., Fernandez, V., Pouvelle B., Gysin, J., Wahlgren, M., (2001) Role of Non-Immune IgG Bound to PfEMP1 in Placental Malaria. **Science**, 293: 2098-2090.
2. Winter G., Chen Q., **Flick K.**, Kremsner P., Fernandez V., Wahlgren M. (2003) The 3D7var5.2 (var COMMON) type var gene family is commonly expressed in non-placental Plasmodium falciparum malaria. **Molecular and Biochemical Parasitology**, 3; 127(2): 179-91.
3. **Flick K.**, Hooper J., Schmaljohn C., Pettersson R. F., Feldmann, H., Flick R. (2003) Rescue of Hantaan Virus Minigenomes. **Virology**, 2003, 15; 306(2): 219-24.
4. Flick R., **Flick K.**, Feldmann H., Elgh F. (2003) Reverse genetics for crimean-congo hemorrhagic fever virus. **Journal of Virology**, 77(10): 5997-6006.
5. **Flick, K.** and Chen, Q. (2004) var genes, PfEMP1 and the human host. **Molecular and Biochemical Parasitology**, 134(1): 3-9.
6. Zhang L. P., Donati D., Chen Q., Chene, A., **Flick K.**, Nyström M., Wahlgren M., Bejarano M. T. (2004) A B-cell Superantigen in *Plasmodium falciparum*, **Infection and immunity**, 72: 5412-5418
7. **Flick K.**, Katz A., Överby A., Feldmann, H., Pettersson R. F., Flick R., (2004) Functional analysis of the noncoding regions of the Uukuniemi virus (Bunyaviridae) RNA segments. **Journal of Virologie**, 78(21): 11726-38
8. **Flick K.**, S. Ahuja, A. Chene, M.T. Bejarano, Chen, Q. (2004) Optimized expression of *Plasmodium falciparum* erythrocyte membrane protein 1 domains in *Escherichia coli*. **Malaria Journal**, Dec 15, 3:50
9. Ahuja S., Pettersson F., **Moll K.**, Jonsson C., Wahlgren M., Chen Q. (2006) Induction of cross-protective immune responses to NTS-DBL1 α /x of PfEMP1 and in vivo protection on challenge with *Plasmodium falciparum*. **Vaccine**, 24(35-36): 6140-54

10. Vogt A., Pettersson F., **Moll K.**, Jonsson C., Chen Q., Ribacke U., Normark J., Lindahl U., Spillmann D., Wahlgren M. (2006) Release of sequestered malaria parasites into circulation upon injection of a glycosaminoglycan.
PLoS Pathogens, 29; 2(9)
11. **Moll K.**, Pettersson F., Vogt A., Jonsson C., Rasti N., Ahuja S., Spångberg M., Mercereau-Puijalon O., Arnot D. E., Wahlgren M., Chen Q. (2007) Generation of cross protective antibodies against *Plasmodium falciparum* sequestration by immunization with a PfEMP1-DBL1 α -domain.
Infection and Immunity, 75(1): 211-9.
12. **Moll K.**, Chêne A., Kaneko O., Haeggström M., Ribacke U., Nilsson S., Pan W., Wahlgren M., Chen Q. (2007) A novel DBL-domain of the *P. falciparum* 332 molecule possibly involved in erythrocyte adhesion.
PLoS ONE, 2(5), e477. doi:10.1371/journal.pone.0000477
13. Normark J., Nilsson D., Ribacke U., Winter G., **Moll K.**, Wheelock C. E., Bayarugaba J., Kironde F., Egwang T. G., Chen Q., Andersson B., Wahlgren M. (2007) PfEMP1-DBL1{alpha} amino acid motifs in severe disease states of *Plasmodium falciparum* malaria.
PNAS, Oct 2;104(40):1 5835-40
14. Brolin K., Ribacke U., Nilsson S., **Moll K.**, Wahlgren M., Chen Q. (2009) Gene dosage and transcript level independent surface expression of VAR2CSA in *Plasmodium falciparum*.
Genome Biology, 10(10):R117
15. Vasconcelos N. M., Balogun H., Lindberg R., Haeggström M., **Moll K.** Chen Q., Wahlgren M., Berzins K. (2009) Characterization of the antigenic properties of Pf332-C231, a fragment of a non-repeat region of the *Plasmodium falciparum* antigen Pf332.
Vaccine, 10;28(1):90-7.
16. Ribacke U., **Moll K.**, Normark J., Vogt A.M., Qijun C., Flaberg E., Szekely L., Hultenby K., Egwang T. E., Wahlgren M. (2010) Merozoite invasion in *Plasmodium falciparum* malaria is facilitated by PfEMP1 mediated rosetting
Manuscript under revision in Blood
17. Albrecht L. ^{*}, **Moll, K.** ^{*}, Normark J., Blomqvist K., Chen Q., Wahlgren M. (2010) Analysis of *var* gene and PfEMP1 expression in the cytoadhesive and rosetting *Plasmodium falciparum* clone FCR3S1.2
^{*} **These authors contributed equally to this work**
Manuscript submitted to Malaria Journal

18. Nilsson S., **Moll K.**, Angeletti D., Rasti R., Wahlgren M., Chen Q. (2010) Characterization of naturally acquired antibodies to the Plasmodium falciparum blood-stage antigen 332

Manuscript in preparation

19. Nilsson S., Wahlgren M., Chen Q., **Moll K** (2010) The Plasmodium falciparum derived molecule Pf332: A potential blood-stage vaccine candidate?

Manuscript in preparation