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Identification of protein-protein interactions between plasmodium falciparum and the human erythrocyte membrane protein 4.1

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Publications arising from this research

Lauterbach, S. B., Lanzillotti, R., and Coetzer, T. L. (2003). Construction and use of *Plasmodium falciparum* phage display libraries to identify host parasite interactions. Malar J *2*, 47.

Lanzillotti, R., and Coetzer, T. L. (2004). Myosin-like sequences in the malaria parasite *Plasmodium falciparum* bind human erythrocyte membrane protein 4.1. Haematologica 89, 1168-1171.

Manuscript in preparation

Lanzillotti, R., and Coetzer, T. L. The 10kDa domain of human erythrocyte protein 4.1 binds a myosin-like motif in the *Plasmodium falciparum* EBA-181/JESEBL protein.

Conference proceedings

Poster presentations

Lanzillotti, R., and Coetzer, T.L. Human Erythrocyte Protein 4.1 and *Plasmodium falciparum*. IUBMB/SASBMB Special Meeting on the Biochemical and Molecular Basis of Disease, Cape Town, South Africa, November 2001.

Lanzillotti, R., and Coetzer, T.L. The 10kDa domain of human erythrocyte protein 4.1 binds a myosin-like motif in the *Plasmodium falciparum* EBA-181/JESEBL protein. Keystone Symposium on Malaria: Functional Genomics to Biology to Medicine, New Mexico, USA, February 2006.

Oral presentations

Lanzillotti, R., and Coetzer, T.L. Interaction of *Plasmodium falciparum* phage display libraries with human erythrocyte membrane protein 4.1. The SASBMB 18th Congress on Molecules of Life, Pretoria, South Africa, July 2003.

Lanzillotti, R., and Coetzer, T.L. *P. falciparum* and the human erythrocyte membrane protein 4.1: to bind or not to bind. The SASBMB 19th Congress on Molecules-R-Us, Stellenbosch, South Africa, January 2005.

Other presentations

Poster presentations

Lanzillotti, R., and Coetzer, T.L. Human erythrocyte protein 4.1 and *Plasmodium falciparum*. University of the Witwatersrand Health Sciences Faculty Research Day, August 2002.

Oral presentations

Lanzillotti, R., and Coetzer, T.L. Phage display technology and the identification of protein-protein interactions between *P. falciparum* and the human erythrocyte membrane protein 4.1. University of the Witwatersrand Health Sciences Faculty Research Day, August 2004; Molecular and Cell Biology Group (MCBG) Symposium, October 2004.