plasmodium

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References

[1] Z. Bozdech and H. Ginsburg. Antioxidant defense in Plasmodium falciparum - data mining of the transcriptome. *Malaria Journal*, 3(1):23, 2004.

[2] Z. Bozdech, M. Llinas, B. L. Pulliam, E. D. Wong, J. Zhu, and J. L. DeRisi. The Transcriptome of the Intraerythrocytic Developmental Cycle of Plasmodium falciparum. *PLoS Biology*, 1(1):e5, 2003.

[3] Z. Bozdech, J. Zhu, M. Joachimiak, F. Cohen, B. Pulliam, and J. DeRisi. Expression profiling of the schizont and trophozoite stages of Plasmodium falciparum with a long-oligonucleotide microarray. *Genome Biology*, 4(2):R9, 2003.

[4] J. P. Daily, D. Scanfeld, N. Pochet, K. Le Roch, D. Plouffe, M. Kamal, O. Sarr, S. Mboup, O. Ndir, D.j Wypi, K. Levasseur, E. Thomas, P. Tamayo, C. Dong, Y. Zhou, E. S. Lander, D. Ndiaye, D. Wirth, E. A. Winzeler, J. P. Mesirov, and A. Regev. Distinct physiological states of plasmodium falciparum in malaria-infected patients. *Nature*, 450(7172):1091–1095, Dec 2007.

[5] Denise L Doolan, Scott Southwood, Daniel A Freilich, John Sidney, Norma L Graber, Lori Shatney, Lolita Bebris, Laurence Florens, Carlota Dobano, Adam A Witney, Ettore Appella, Stephen L Hoffman, John R Yates, Daniel J Carucci, and Alessandro Sette. Identification of Plasmodium falciparum antigens by antigenic analysis of genomic and proteomic data. *Proc Natl Acad Sci U S A*, 100(17):9952–9957, Aug 2003.

[6] Laurence Florens, Michael P Washburn, J. Dale Raine, Robert M Anthony, Munira Grainger, J. David Haynes, J. Kathleen Moch, Nemone Muster, John B Sacci, David L Tabb, Adam A Witney, Dirk Wolters, Yimin Wu, Malcolm J Gardner, Anthony A Holder, Robert E Sinden, John R Yates, and Daniel J Carucci. A proteomic view of the Plasmodium falciparum life cycle. *Nature*, 419(6906):520–526, Oct 2002.

[7] M. J. Fraunholz. Systems biology in malaria research. *Trends Parasitol.*, 21(9):393–395, Sep 2005.

[8] Malcolm J Gardner, Neil Hall, Eula Fung, Owen White, Matthew Berriman, Richard W Hyman, Jane M Carlton, Arnab Pain, Karen E Nelson, Sharen Bowman, Ian T Paulsen, Keith James, Jonathan A Eisen, Kim Rutherford, Steven L Salzberg, Alister Craig, Sue Kyes, Man-Suen Chan, Vishvanath Nene, Shamira J Shallom, Bernard Suh, Jeremy Peterson, Sam Angiuoli, Mihaela Pertea, Jonathan Allen, Jeremy Selengut, Daniel Haft, Michael W Mather, Akhil B Vaidya, David M A Martin, Alan H Fairlamb, Martin J Fraunholz, David S Roos, Stuart A Ralph, Geoffrey I McFadden, Leda M Cummings, G. Mani Subramanian, Chris Mungall, J. Craig Venter, Daniel J Carucci, Stephen L Hoffman, Chris Newbold, Ronald W Davis, Claire M Fraser, and Bart Barrell. Genome sequence of the human malaria parasite Plasmodium falciparum. *Nature*, 419(6906):498–511, Oct 2002.

[9] Neil Hall, Marianna Karras, J. Dale Raine, Jane M Carlton, Taco W A Kooij, Matthew Berriman, Laurence Florens, Christoph S Janssen, Arnab Pain, Georges K Christophides, Keith James, Kim Rutherford, Barbara Harris, David Harris, Carol Churcher, Michael A Quail, Doug Ormond, Jon Doggett, Holly E Trueman, Jacqui Mendoza, Shelby L Bidwell, Marie-Adele Rajandream, Daniel J Carucci, John R Yates, Fotis C Kafatos, Chris J Janse, Bart Barrell, C. Michael R Turner, Andrew P Waters, and Robert E Sinden. A comprehensive survey of the Plasmodium life cycle by genomic, transcriptomic, and proteomic analyses. *Science*, 307(5706):82–86, Jan 2005.

[10] Shahid M Khan, Blandine Franke-Fayard, Gunnar R Mair, Edwin Lasonder, Chris J Janse, Matthias Mann, and Andrew P Waters. Proteome analysis of separated male and female gametocytes reveals novel sex-specific Plasmodium biology. *Cell*, 121(5):675–687, Jun 2005.

[11] Douglas J LaCount, Marissa Vignali, Rakesh Chettier, Amit Phansalkar, Russell Bell, Jay R Hesselberth, Lori W Schoenfeld, Irene Ota, Sudhir Sahasrabudhe, Cornelia Kurschner, Stanley Fields, and Robert E Hughes. A protein interaction network of the malaria parasite Plasmodium falciparum. *Nature*, 438(7064):103–107, Nov 2005.

[12] Edwin Lasonder, Yasushi Ishihama, Jens S Andersen, Adriaan M W Vermunt, Arnab Pain, Robert W Sauerwein, Wijnand M C Eling, Neil Hall, Andrew P Waters, Hendrik G Stunnenberg, and Matthias Mann. Analysis of the Plasmodium falciparum proteome by high-accuracy mass spectrometry. *Nature*, 419(6906):537–542, Oct 2002.

[13] K. G. Le Roch, Y. Zhou, P. L. Blair, M. Grainger, J. K. Moch, J. D. Haynes, P. De la Vega, A. A. Holder, S. Batalov, D. J. Carucci, and E. A. Winzeler. Discovery of Gene Function by Expression Profiling of the Malaria Parasite Life Cycle. *Science*, 301(5639):1503–1508, 2004.

[14] M. Llinás, Z. Bozdech, E. D. Wong, A. T. Adai, and J. L. DeRisi. Comparative whole genome transcriptome analysis of three Plasmodium falciparum strains. *Nucleic Acids Res*, 34(4):1166–1173, 2006.

[15] O. Mercereau-Puijalon. Malaria research in the post-genomic era. *J. Soc. Biol.*, 198(3):193–197, 2004.

[16] J. L. Shock, K. F. Fischer, and J. L. DeRisi. Whole-genome analysis of mrna decay in plasmodium falciparum reveals a global lengthening of mrna half-life during the intra-erythrocytic development cycle. *Genome Biol.*, 8(7):R134, 2007.

[17] R. E. Sinden. A proteomic analysis of malaria biology: integration of old literature and new technologies. *Int. J. Parasitol.*, 34(13-14):1441–1450, Dec 2004.

[18] E. A Winzeler. Applied systems biology and malaria. *Nat Rev Microbiol*, 4(2):145–151, Feb 2006.

[19] J. A. Young and E. A. Winzeler. Using expression information to discover new drug and vaccine targets in the malaria parasite Plasmodium falciparum. *Pharmacogenomics*, 6(1):17–26, Jan 2005.

[20] Jason A Young, Quinton L Fivelman, Peter L Blair, Patricia de la Vega, Karine G Le Roch, Yingyao Zhou, Daniel J Carucci, David A Baker, and Elizabeth A Winzeler. The Plasmodium falciparum sexual development transcriptome: a microarray analysis using ontology-based pattern identification. *Mol Biochem Parasitol*, 143(1):67–79, Sep 2005.